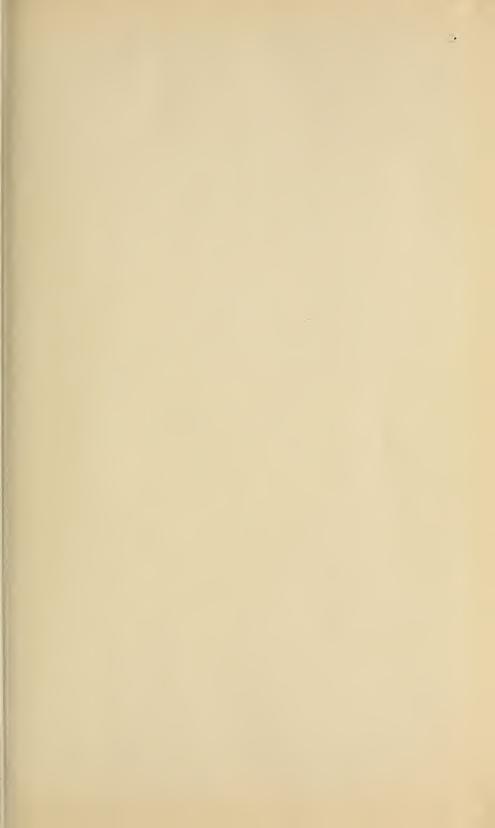
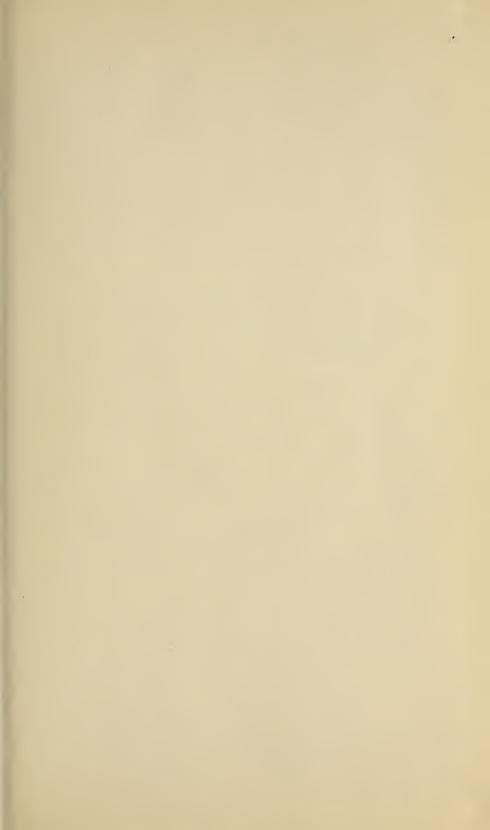


DEPT. OF ENG., HIST., & GOVT.









ANNUAL REGISTER UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD. *

EIGHTY-FIRST ACADEMIC YEAR, 1925-1926



GOVERNMENT PRINTING OFFICE WASHINGTON, D. C. . 1925



ANNUAL REGISTER

OF THE

UNITED STATES NAVAL ACADEMY

ANNAPOLIS, MD.

OCTOBER 1, 1925

EIGHTY-FIRST ACADEMIC YEAR 1925-1926



WASHINGTON
GOVERNMENT PRINTING OFFICE
1925

ADDITIONAL COPIES

OF THIS PUBLICATION MAY BE PROCURED FROM
THE SUPERINTENDENT OF DOCUMENTS
GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C.
AT
20 CENTS PER COPY

CONTENTS

Mission of Naval Academy
HISTORICAL SKETCH
Superintendents
Board of Visitors
ACADEMIC CALENDAR
Calendar, 1925–26
Officers and Civilian Instructors Attached to the United States
Naval Academy
ACADEMIC BOARD
Practice Cruise, Summer of 1925
MERIT ROLLS FOR 1924-25
MIDSHIPMEN OF THE FOURTH CLASS AT THE BEGINNING OF ACADEMIC
YEAR 1925-26
Numerical Summary
Appointments, Deaths, Resignations, etc.
Instruction Schedule for Second Term, Academic Year 1924–25
SUMMER SCHEDULE, FOURTH CLASS, 1925
First Class Instruction Schedule, Summer of 1925
Assignment of Time—First Class, Summer of 1925
Lesson Assignments for First Class, Summer of 1925
Alphabetical Arrangement of First Class Midshipmen Remaining
AT NAVAL ACADEMY FOR AVIATION INSTRUCTION, SUMMER, 1925
Course of Instruction, 1925–26
Assignment of Time, 1925–26
Table of Coefficients, 1925–26
Program of Recitations, 1925–26
Table of Recitation Assignments, 1925–26
Instruction Schedule for Midshipmen for First Term, Academic Year 1925–26.
Assignment of Time, 1926-27
Table of Coefficients, 1926–27
Arrangement of Courses, 1925-26
RÉSUMÉ OF COURSE OF INSTRUCTION
PRIZES, MEDALS, ETC., PRESENTED, 1924-25

THE MISSION

To mold the material received into educated gentlemen, thoroughly indoctrinated with honor, uprightness and truth, with practical rather than academic minds, with thorough loyalty to country, with a ground-work of educational fundamentals upon which experience afloat may build the finished naval officer, capable of upholding, whenever and wherever may be necessary, the honor of the United States; and withal giving due consideration that healthy minds in healthy bodies are necessities for the fulfillment of the individual missions of the graduates; and that fullest efficiency under this mission can only be attained if, through just and humane yet firm discipline, the graduates carry into the service respect and admiration for this academy.

THE UNITED STATES NAVAL ACADEMY

The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. It was formally opened October 10 of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up for the purpose by the War Department by the Hon, William L. Marcy, then Secretary of War. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of 36 midshipmen of the date of 1840, who were preparing for the examination for promotion: 13 of the date of 1841, who were to remain until drafted for service at sea; and 7 acting midshipmen appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In September, 1849, the following board was appointed to revise the plan and the regulations of the Naval School:

Commander William B. Shubrick. Commander Franklin Buchanan. Commander Samuel F. DuPont. Commander George P. Upshur. Surg. W. S. W. Ruschenberger. Prof. William Chauvenet.

Capt. Henry Brewerton, United States Army.

The plan reported by the board was approved and went into operation July 1, 1850. The new organization provided for a course of seven years, the first two and the last two at the school and the three intermediate years at sea. The school was placed under the supervision of the Bureau of Ordnance and Hydrography and its name was changed to the United States Naval Academy. The corps of professors was enlarged, the course was extended, and the system of separate departments with executive heads was fully adopted. It was provided that a Board of Visitors should make an annual inspection of the academy and report upon its condition to the Secretary of the Navy. A suitable vessel was attached to the academy as a practice ship and the annual practice cruises were begun.

After the system had been in operation a year new changes were proposed and the recommendations of the academic board on the subject were referred to the board of examiners for the year 1851, composed of the following-named officers:

Commodore David Conner.
Capt. Samuel L. Breese.
Commander C. K. Stribling.
Commander A. Bigelow.
Commander Franklin Buchanan.
Lieut. Thomas T. Craven.

The change recommended by the board of examiners and adopted by the department consisted mainly in leaving out the requirement of three years of sea service

in the middle of the course, thus making the four years of study consecutive. The practice cruise supplied the place of the omitted sea service and gave better opportunities for training. The change went into operation in November, 1851, together with other improvements recommended by the board. This system has been continued, with some slight modifications, to the present time. The first class to receive the benefit of it was that which entered in 1851. Six members of this class completed the course in three years and were graduated in June, 1854; the remainder of the class followed in 1855.

In May, 1861, on the outbreak of the war the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea and the remaining acting midshipmen were quartered in the Atlantic House and on board the frigates *Constitution* and *Santee*. In the summer of 1865 the academy was brought back to Annapolis, where it has since remained.

When the Bureau of Navigation was established, July 5, 1862, the academy was placed under its supervision; March 1, 1867, it was placed under the direct care and supervision of the Navy Department, the administrative routine and financial management still being conducted through the bureau. On the 11th of March, 1869, this official connection with the bureau ceased, but was renewed by the general order of the Navy Department issued June 25, 1889.

The term of the academic course was changed by law March 3, 1873, from four to six years. The change took effect with the class that entered in the following summer.

In 1866 a class of acting third assistant engineers was ordered to the academy for instruction. The course embraced the subject of steam engineering, mechanism chemistry, mechanics, and practical exercises with the steam engine and in the machine shop. This class was graduated in June, 1868, together with two cadet engineers who had entered the academy in 1867. After an interval of four years, in October, 1871, a new class of cadet engineers was admitted. This class followed a two years' course, somewhat more extended than that of the class of 1868, and was graduated in 1873. In 1872 and 1873 new classes were admitted, the first of which left the academy in 1874 and the second in 1875. By an Act of Congress approved February 24, 1874, the course of instruction for cadet engineers was made four years instead of two; the new provision was first applied to the class entering the academy in the year 1874. This class was graduated in June, 1878.

An act of Congress approved June 23, 1874, provides as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in all cases when it shall come to the knowledge of the Superintendent of the Naval Academy, at Annapolis, that any cadet midshipman or cadet engineer has been guilty of the offense commonly known as hazing, it shall be the duty of said superintendent to order a court-martial, composed of not less than three commissioned officers, who shall minutely examine into all the facts and circumstances of the case and make a finding thereon; and any cadet midshipman or cadet engineer found guilty of said offense by said court shall, upon recommendation of said court, be dismissed; and such finding, when approved by said superintendent, shall be final; and the cadet so dismissed from said Naval Academy shall be forever ineligible to reappointment to said Naval Academy.

By an act of Congress approved August 5, 1882, it was provided that from that date "there shall be no appointments of cadet midshipmen or cadet engineers at the Naval Academy, but in lieu thereof naval cadets shall be appointed from each congressional district and at large, as now provided by law for cadet midshipmen, and all the undergraduates at the Naval Academy shall hereafter be designated and called 'naval cadets,' and from those who successfully com-

plete the six years' course appointments shall hereafter be made as it is necessary to fill vacancies in the lower grades of the Line and Engineer Corps of the Navy and of the Marine Corps: And provided further, That no greater number of appointments into these grades shall be made each year than shall equal the number of vacancies which has occurred in the same grades during the preceding year; such appointments to be made from the graduates of the year, at the conclusion of their six years' course, in order of merit, as determined by the academic board of the Naval Academy; the assignment of the various corps to be made by the Secretary of the Navy, upon the recommendation of the academic board. But nothing herein contained shall reduce the number of appointments from such graduates below ten in each year, nor deprive of such appointment any graduate who may complete the six years' course during the year eighteen hundred and eighty-two. And if there be a surplus of graduates, those who do not receive such appointment shall be given a certificate of graduation, an honorable discharge, and one year's sea pay, as now provided by law for cadet midshipmen; and so much of section fifteen hundred and twenty-one of the Revised Statutes as is inconsistent herewith is hereby repealed.

"That any cadet whose position in his class entitles him to be retained in the service may, upon his own application, be honorably discharged at the end of four years' course at the Naval Academy, with a proper certificate of graduation."

In 1886 a special course of instruction in physiology and hygiene was established, in accordance with an act of Congress approved May 20 of that year.

The act of Congress approved March 2, 1889, provides that "the academic board of the Naval Academy shall on or before the thirtieth day of September in each year separate the first class of naval cadets then commencing their fourth year into two divisions, as they may have shown special aptitude for the duties of the respective corps, in the proportion which the aggregate number of vacancies occurring in the preceding fiscal year ending on the thirtieth day of June in the lowest grade of commissioned officers of the Line of the Navy and Marine Corps of the Navy shall bear to the number of vacancies to be supplied from the academy occurring during the same period in the lowest grade of commissioned officers of the Engineer Corps of the Navy; and the cadets so assigned to the Line and Marine Corps division of the first class shall thereafter pursue a course of study arranged to fit them for service in the Line of the Navy, and the cadets so assigned to the Engineer Corps division of the first class shall thereafter pursue a separate course of study arranged to fit them for service in the Engineer Corps of the Navy, and the cadets shall thereafter, and until final graduation at the end of their six years' course, take rank by merit with those in the same division according to the merit marks; and from the final graduates of the Line and Marine Corps division, at the end of their six years' course, appointments shall be made hereafter as it shall be necessary to fill vacancies in the lowest grades of commissioned officers of the Line of the Navy and Marine Corps; and the vacancies in the lowest grades of the commissioned officers of the Engineers Corps of the Navy shall be filled in like manner by appointments from the final graduates of the engineer division at the end of their six years' course: Provided, That no greater number of appointments into the said lowest grades of commissioned officers shall be made each year than shall equal the number of vacancies which shall have occurred in the same grades during the fiscal year then current; such appointments to be made from the final graduates of the year, in the order of merit as determined by the academic board of the Naval Academy, the assignment to be made by the Secretary of the Navy upon the recommendation of the academic board at the conclusion of the fiscal year then current; but nothing contained herein or in the naval appropriation act of August fifth, eighteen hundred and eighty-two, shall reduce the number of appointments of final graduates at the end of their six years' course below twelve in each year to the Line of the Navy and not less than two shall be appointed annually to the Engineer Corps of the Navy, nor less than one annually to the Marine Corps; and if the number of vacancies in the lowest grades aforesaid occurring in any year shall be greater than the number of final graduates of that year the surplus vacancies shall be filled from the final graduates of the following years as they shall become available.

"That after the fourth day of March, eighteen hundred and eighty-nine, the minimum age of admission of cadets to the academy shall be fifteen years and the

maximum age twenty years."

In October, 1897, a postgraduate course in naval architecture for the education of officers for the Construction Corps of the Navy was established; and a class was formed from the naval cadets that had finished the four years' course in that year.

By an act of Congress approved March 3, 1899, "the officers constituting the Engineer Corps of the Navy" were transferred to the "Line of the Navy," thereby repealing so much of the act of Congress approved March 2, 1889, as relates to the separation of naval cadets of the first class into line and engineer divisions.

This same act having limited the number of constructors in the Navy to 40, the

postgraduate course in naval architecture was discontinued.

By an act of Congress approved June 7, 1900, it was provided that-

"Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with the existing law."

By an act of Congress approved July 1, 1902, it was provided that-

"The title 'naval cadet' is hereby changed to 'midshipman.'

"That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State."

By an act of Congress approved March 3, 1903, it was provided that-

"There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: Provided, That the additional congressional appointments authorized by this act shall be made at such time as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman: Provided further, That Members of the Fifty-seventh Congress who will not be Members of the Fifty-eighth Congress, and in whose districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

"The Secretary of the Navy shall, as soon as practicable after the fifth day of March in each year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, district, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendations shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, district, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State, district, or Territory in which the vacancy exists and shall have the qualifica-

tions otherwise prescribed by law: And provided further, That the Superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the gradution of the class of which he was a member.

"That the provision of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

"That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the Governor of Porto Rico.

"That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years."

"All candidates for admission into the academy shall be examined according to such regulations and at such stated times as the Secretary of the Navy may prescribe. Candidates rejected at such examination shall not have the privilege of another examination for admission to the same class, unless recommended by the board of examiners." (R. S. sec. 1515.)

"When any candidate who has been nominated upon the recommendation of a Member or Delegate of the House of Representatives is found, upon examination, to be physically or mentally disqualified for admission, the Member or Delegate shall be notified to recommend another candidate, who shall be examined according to the provisions of the preceding section." (R. S. sec. 1516.)

An act of Congress approved April 9, 1906, reads as follows:

"AN ACT Granting authority to the Secretary of the Navy, in his discretion, to dismiss midshipmen from the United States Naval Academy and regulating the procedure and punishment in trials for hazing at the said academy.

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Superintendent of the United States Naval Academy, whenever he shall believe the continued presence of any midshipman at the said academy to be contrary to the best interests of the service, to report in writing such fact, with a full statement of the facts upon which are based his reasons for such belief, to the Secretary of the Navy, who, if after due consideration of the said report he shall deem the superintendent's said belief reasonable and well founded, shall cause a copy of the said report to be served upon the said midshipman and require the said midshipman to show cause in writing and within such time as the said Secretary shall deem reasonable, why he should not be dismissed from the said academy; and after due consideration of any cause so shown the said Secretary may, in his discretion, but with the written approval of the President, dismiss such midshipman from the said academy. And the truth of any issue of fact so raised, except upon the record of demerit, shall be determined by a board of inquiry convened by the Secretary of the Navy under the rules and regulations for the government of the Navy.

"Sec. 2. That so much of the acts approved June twenty-third, eighteen hundred and seventy-four, and March third, nineteen hundred and three, as requires the Superintendent of the United States Naval Academy to convene a court-martial in all cases when it shall come to the knowledge of the said super-

intendent that any midshipman has been guilty of the offense commonly known as 'hazing,' and declares the finding of a court-martial so convened, when approved by the said superintendent, final, and directs that any midshipman found guilty by such court-martial shall be summarily dismissed from the said academy, and also all other acts or parts of acts inconsistent with the present act, are hereby repealed, and that the offense known as 'hazing' may hereafter be proceeded against, dealt with, and punished as offenses against good order and discipline and for violation and breaches of the rules of said academy. But no midshipman shall be dismissed for a single act of hazing except under the provisions of section three of this act.

"Sec. 3. That the Superintendent of the United States Naval Academy may, in his discretion, and with the approval of the Secretary of the Navy, cause any midshipman in the said academy to be tried by court-martial for the offense of hazing, as provided by the act approved June twenty-third, eighteen hundred and seventy-four, and such court-martial, upon conviction, may sentence such midshipman to any punishment authorized by the said act or by the act approved March third, nineteen hundred and three, or authorized for any violation or breach of the rules of the said academy by the said rules, or in cases of brutal or cruel hazing, may, in addition to dismissal, sentence such midshipman to imprisonment for a period not exceeding one year: *Provided*, That such midshipman shall not be confined in a military or naval prison or elsewhere with men who have been convicted of crimes or misdemeanors; and such finding and sentence shall be subject to review by the convening authority and by the Secretary of the Navy, as in the cases of other courts-martial.

"Sec. 4. That the offense of 'hazing,' as mentioned in this act, shall consist of any unauthorized assumption of authority by one midshipman over another midshipman whereby the last-mentioned midshipman shall or may suffer or be exposed to suffer any cruelty, indignity, humiliation, hardship, or oppression, or the deprivation or abridgement of any right, privilege, or advantage to which he shall be legally entitled.

"Sec. 5. That it shall be the duty of every professor, assistant professor, academic officer, or any cadet officer or cadet petty officer, or instructor, as well as every other officer stationed at the United States Naval Academy, to promptly report to the superintendent thereof any fact which comes to his attention tending to indicate any violation by a midshipman or midshipmen of any of the provisions of this act or any violation of the regulations of the said academy. Any naval officer attached to the academy who shall fail to make such report as provided in this section shall be dismissed from the service. Any civilian instructor attached to the academy who shall fail to make such report as provided in this section shall be dismissed by the superintendent of the academy upon the approval of the Secretary of the Navy.

"Sec. 6. That this act shall take effect from the date of its approval, but no midshipman now connected with the United States Naval Academy shall, by reason of its enactment, be punished for any offense heretofore committed otherwise than in pursuance of the sentence of a court-martial (if by existing law such sentence would be now necessary for such punishment) or punished more severely than is now by law allowed for any offense heretofore committed: Provided, That any midshipman now in said Naval Academy may waive his right to trial by court-martial under existing law for any offense of hazing heretofore committed and may accept punishment under the provisions of section two of this act."

By an act of Congress June 29, 1906, it was provided that-

"Hereafter the Secretary of the Navy shall, as soon as possible after the first day of June of each year preceding the graduation of the midshipmen on the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist, and of legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. candidates allowed for the District of Columbia and all candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: Provided, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

"No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted."

By an act of Congress approved March 7, 1912, it was provided—

"That the course at the Naval Academy shall be four years, and midshipment on graduation shall be commissioned ensigns: Provided, That midshipmen now performing two years' service at sea in accordance with existing law shall be commissioned forthwith as ensigns from the date of the passage of this act: And provided, That those midshipmen of the class which was graduated in nine-teen hundred and nine, who have completed two years' service affoat, and who are due for promotion, shall be commissioned ensigns to take rank with the other members of their class, according to their standing as determined by their final multiples, respectively, for the six years' course, from the fifth day of June, nineteen hundred and eleven, the date of rank to which they were entitled prior to the passage of this act: And provided further, That no back pay or allowances shall result by reason of the passage of this act."

The class graduating from the Naval Academy June, 1912, was the first class to be graduated as ensigns.

By an act of Congress approved July 9, 1913, it was provided—

"That after June thirtieth, nineteen hundred and thirteen, and until June thirtieth, nineteen hundred and nineteen, there shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, and ten appointed each year at large: *Provided*, That the midshipmen on graduation shall be commissioned ensigns in the Navy or may be assigned by the Secretary of the Navy to fill vacancies in the lowest commissioned grades of the Marine Corps or Staff Corps of the Navy."

By an act of Congress passed June 30, 1914, it was provided—

"Hereafter, in addition to the appointments of midshipmen to the United States Naval Academy as now prescribed by law, the Secretary of the Navy is allowed fifteen appointments annually from the enlisted men of the Navy who are citizens of the United States and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Providea*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination required before entrance under existing law."

An act of Congress approved February 15, 1916, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy three midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, ten appointed each year at large, and fifteen appointed annually from enlisted men of the Navy as now authorized by law.

"Sec. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

Public Resolution, No. 7, Sixty-fourth Congress, approved February 15, 1916, provides as follows:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and he hereby is, authorized to permit Mr. Carlos Hevia y Reyes Gavilan, a citizen of Cuba, to receive instruction at the United States Naval Academy at Annapolis: Provided, That no expense shall be caused to the United States thereby, and that the said Carlos Hevia y Reyes Gavilan shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of nstruction, and that the said Carlos Hevia y Reyes Gavilan shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies, or conduct, and so recommended by the academic board."

An act of Congress approved August 29, 1916, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the President is hereby allowed fifteen appointments annually instead of ten as now prescribed by law, and the Secretary of the Navy is allowed twenty-five appointments annually instead of fifteen as now prescribed by law, the latter to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: Provided, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examinations required before entrance under existing laws.

"That hereafter the Secretary of the Navy is authorized to permit not exceeding four Filipinos, to be designated, one for each class, by the Governor General of the Philippine Islands, to receive instruction at the United States Naval Academy at Annapolis, Maryland: Provided, That the Filipinos undergoing instruction, as herein authorized, shall receive the same pay, allowances, and emoluments, to be paid out of the same appropriations, and shall be subject to

the same rules and regulations governing admission, attendance, discipline, resignation, discharge, dismissal, and graduation as are authorized by law and regulation for midshipmen appointed from the United States, but the Filipino midshipmen herein authorized shall not be entitled to appointment to any commissioned office in the United States Navy by reason of their graduation from the Naval Academy.

"Provided further, That no midshipman at the United States Naval Academy or cadet at the United States Military Academy who fails to graduate therefrom shall be eligible for appointment as a commissioned officer in the Marine Corps until after the graduation of the class of which he was a member."

An act of Congress approved March 4, 1917, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the Secretary of the Navy is allowed one hundred appointments annually instead of twenty-five as now prescribed by law, to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have, in competition with each other, passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination before entrance under existing laws.

"The President, in his discretion, is authorized to reduce the course of instruction at the Naval Academy from four to three years for a period of two years from the date of the approval of this act, and may during said two years graduate classes which have completed a three-year course."

An act of Congress approved April 25, 1917, reads as follows:

"AN ACT To increase the number of midshipmen at the Naval Academy until September first, nineteen hundred and eighteen

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That, in addition to the number of midshipmen now authorized by law, there shall be appointed during the period from the date of passage of this act until September first, nineteen hundred and eighteen, one additional midshipman for each Senator, Representative, and Delegate in Congress. Nominations shall be made for these vacancies by the Senators, Representatives, and Delegates concerned for any regular or special examination that may be ordered before that date."

An act of Congress approved December 20, 1917, reads as follows:

"Be it enacted, by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, as now authorized by law.

"Sec. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

An act of Congress approved April 2, 1918, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President be, and he is hereby, authorized, until August first, nineteen hundred and twenty-one, to reduce, in his discretion, the course of instruction at the United States Naval Academy from four to three years and to graduate classes which have completed such reduced courses of instruction."

The following classes were graduated in accordance with the act of Congress of April 2, 1918, authorizing a reduction in the course:

1	Class	Date graduated	Members graduated
1918 1919 1920		June 28, 1917 June 6, 1918 June 6, 1919	182 199 199 460 286

On June 6, 1919, the class of 1921 was divided, and the first half, according to general merit for the third-class year, became the first class and continued the three years' course; the second half became the second class and resumed the four years' course.

An act of Congress approved May 14, 1918, reads as follows:

"AN ACT To fix the age limits for candidates for admission to the United States Naval Academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter all candidates for admission to the Naval Academy must be not less than sixteen years of age nor more than twenty years of age on April first of the calendar year in which they enter the academy: Provided, That the foregoing shall not apply to candidates for midshipmen designated for entrance to the academy in nineteen hundred and eighteen."

An Act of Congress approved July 11, 1919, reads as follows:

"Section 1 of the act entitled 'An act to increase the number of midshipmen at the United States Naval Academy,' approved December 20, 1917, is hereby amended so as to read as follows: That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, Delegate in Congress, and Resident Commissioner from Porto Rico, and five for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, and members of the Naval Reserve Force on active duty, as now authorized by law."

This act also provides that all midshipmen entering the Naval Academy subsequent to June 1, 1919, shall be allowed mileage, at 5 cents per mile, while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen, and that the pay of midshipmen shall hereafter be \$7.80 per annum.

The following clause was contained in the deficiency act approved June 5, 1920: "That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms, shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms."

A clause in the naval appropriation bill, act of July 12, 1921, provides that a candidate for midshipman so desiring may receive a credit of \$250 upon entrance toward defraying the entering expenses.

An act providing for the readmission of certain deficient midshipmen to the United States Naval Academy, approved October 22, 1921, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy is authorized, upon application, to admit to and reinstate in the United States Naval Academy, subject to examination as to physical qualifications, as provided by law, but waiving the provisions of law as to age requirements, all former midshipmen at the United States Naval Academy found deficient at the end of the first term of the academic year 1920–21 whose resignations were asked for and received by the superintendent of the Naval Academy: *Provided*, That they shall upon admission be placed in the class one year behind their former class in each case: *Provided further*, That said midshipmen affected by this act must signify their acceptance of the benefits thereof by presenting themselves for physical examination within one month of the date of its approval, and if found qualified will enter the Naval Academy immediately.

"Sec. 2. That the clause in the act approved June 5, 1920 (Forty-first Statutes, page 1028), entitled 'An act making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1920, and for other purposes,' which reads as follows: 'That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms,' be, and the same hereby is, repealed, and section 1519 of the Revised Statutes restored to its full force and effect."

Public Resolution, No. 72, Sixty-seventh Congress, approved September 18, 1922, provides as follows:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and hereby is, authorized to permit Mr. Willem van Doorn, a subject of the Netherlands, to receive instruction at the United States Naval Academy at Annapolis: Provided, That no expense shall be caused to the United States thereby, and that the said Willem van Doorn shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Willem van Doorn shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies or conduct and so recommended by the academic board."

An act of Congress approved January 22, 1923, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission, subsequent to the class entering the Naval Academy next after the approval of this act, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of one midshipman from Porto Rico, appointed on the nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved May 28, 1924, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to February 9, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of two

midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved February 11, 1925, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to December 13, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipmen for Porto Rico, a native of the island, appointed on nomination of the governor, and of two midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: Provided further, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved 28 February, 1925, reads as follows:

"That hereafter the Secretary of the Navy is authorized to appoint midshipmen to the Naval Academy from the enlisted men of the Naval Reserve and Marine Corps Reserve under similar conditions as prescribed by law for appointments from enlisted men of the Navy: *Provided*, That not more than twenty-five midshipmen shall be appointed in any one year under the authority contained in this section." (Sec. 8, Public No. 512—H. R. 9634.)

SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY

	Assumed command
Commander Franklin Buchanan	Sept. 3, 1845
Commander George P. Upshur	Mar. 15, 1847
Commander Cornelius K. Stribling	July 1, 1850
Commander Louis M. Goldsborough	
Captain George S. Blake	Sept. 15, 1857
Rear Admiral David D. Porter	Sept. 9, 1865
Commodore John L. Worden	Dec. 1, 1869
Rear Admiral Christopher R. P. Rodgers	
Commodore Foxhall A. Parker	July 1, 1878
Rear Admiral George B. Balch	Aug. 2, 1879
Rear Admiral Christopher R. P. Rodgers	June 13, 1881
Captain Francis M. Ramsay	Nov. 14, 1881
Commander William T. Sampson	Sept. 9, 1886
Captain Robert L. Phythian	June 13, 1890
Captain Philip H. Cooper	Nov. 15, 1894
Rear Admiral Frederick V. McNair	July 15, 1898
Commander Richard Wainwright	Mar. 15, 1900
Captain Willard H. Brownson	Nov. 6, 1902
Rear Admiral James H. Sands	July 1, 1905
Captain Charles J. Badger	July 15, 1907
Captain John M. Bowyer	June 10, 1909
Captain John H. Gibbons	May 15, 1911
Captain William F. Fullam	Feb. 7, 1914
Captain Edward W. Eberle	Sept. 20, 1915
Captain Archibald H. Scales	Feb. 12, 1919
Rear Admiral Henry B. Wilson	July 5, 1921
Rear Admiral Louis M. Nulton	Feb. 23, 1925

BOARD OF VISITORS

BY THE PRESIDENT

Mr. Arthur Barney.

Dr. William F. Durand.

Dr. Frank P. Graves.

Dr. S. W. Stratton.1

Dr. George D. Strayer.

Mr. Edward Vail.

Dr. Ray Lyman Wilbur.2

BY THE PRESIDENT OF THE SENATE

Hon. Frederick Hale.2

Hon. Royal S. Copeland.2

Hon. Jesse H. Metcalf.

Hon. Samuel M. Shortridge.2

Hon. Claude A. Swanson.²

BY THE SPEAKER OF THE HOUSE

Hon. Thomas S. Butler.2

Hon. Robert L. Bacon.

Hon. James T. Begg.

Hon. Patrick H. Drewry.

Hon. Stephen W. Gambrill.

Hon. John Philip Hill.

Comdr. Benjamin Dutton, U. S. Navy, Secretary to Board of Visitors.

¹ President.

² Were not present.

ACADEMIC CALENDAR 1925-26

Beginning of first term_____ Friday.

15

1925

Sept. 25.....

*	8	•		
1926				
	Beginning of second term			
Feb. 17	Examination of candidates	- Wednesday.		
Apr. 21	Examination of candidates	- Wednesday.		
May 26	End of academic year 1925–26	- Wednesday.		
May 27 to June 3	Graduation week	- Thursday to		
·		Thursday.		
June 3	Graduation day	_ Thursday.		
June 4	Beginning of summer term			
Sept. 23	End of summer term	- Thursday.		
Sept. 24	Beginning of academic year 1926-27	_ Friday.		
The academic month	s for 1925–26 will end as follows:			
The academic monun	s for 1929-20 will end as follows.			
FIRST TEF	RM SECOND TER	RM		
0.1.1	O-4 94 (E-1	T3.1. OF		
October				
November				
December		Apr. 24		
January				

Calendar for 1925 and 1926

BOLD FIGURES DENOTE END OF ACADEMIC MONTH

SEPTEMBER					APRIL								
Su.	M.	T.	w.	T.	F.	S.	Su.	M.	T.	w.	T.	F.	s.
6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24
OCTOBER					MAY								
4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29
	N	OV	EM	BE	R		JUNE						
1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25	5 12 19 26
	I	EC	EM	BE	R		JULY						
6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	15 15 22 29	2 9 16 23 30	3 10 17 24 31
	JANUARY				AUGUST								
3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28
	F	EB	RU.	AR?	Y		SEPTEMBER						
7 14 21 28	1 8 15 22	2 9 16 23	3 10 17 24	4 11 18 25	5 12 19 26	6 13 20 27	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24	4 11 18 25
	MARCH			OCTOBER									
7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30

Departmental Assignments of Officers and Civilian Instructors Attached to the United States Naval Academy, 1925-26

Rear Admiral Louis M. Nulton, Superintendent.

Commander Charles E. Smith, Aid, In Charge of Buildings and Grounds.

Commander George W. Simpson, Aid.

Lieut. Commander LAWRENCE F. REIFSNIDER, Aid for Academic Activities and Secretary to Academic Board.

Lieut. Charles B. Hunt, Assistant to Aid in Charge of Buildings and Grounds. Mr. Peter H. Magruder, Secretary, Naval Academy.

EXECUTIVE DEPARTMENT

Captain Sinclair Gannon, Commandant of Midshipmen.

Commander DAVID W. BAGLEY.

Commander CHARLES C. SLAYTON.

Commander ROBERT C. GIFFEN.

Commander Francis A. L. Vossler.

Commander Schuyler F. Heim.

Commander WILLIAM D. BRERETON.

Lieut, Commander CARY W. MAGRUDER.

Lieut. Commander William E. Cheadle. Lieut. Commander William G. Greenman.

Lieut, LAWRENCE E. KELLY.

Lieut. Russell M. Ihrig.

Lieut. WALTER C. ANSEL.

Lieut. LEMUEL P. PADGETT, Jr.

Lieut. Lunsford Y. Mason, Jr.

Lieut, Charles C. Hartman.

Lieut. (J. G.) Joseph U. Lademan, Jr.

Commander Brantz Mayer (S. C.), Midshipmen's Commissary Officer.

Lieut. Commander Hervey B. Ransdell (S. C.), Midshipmen's Storekeeper and Pay Officer.

Lieut. Howard N. Hill (S. C.), Assistant to Midshipmen's Commissary Officer. Lieut. Percy Briggs (S. C.), Assistant to Midshipmen's Commissary Officer.

Instructor Joseph W. Crosley.

DEPARTMENT OF SEAMANSHIP AND FLIGHT TACTICS

Capt. HARRY A. BALDRIDGE.

Commander Edwin A. Wolleson.

Commander PHILIP SEYMOUR.

Lieut. Commander Guy C. BARNES.

Lieut. Commander RICHARD S. FIELD.

Lieut. Commander George D. Mur-RAY.

Lieut. Commander HAROLD E. SNOW.

Lieut. Commander RICHARD H. BOOTH. Lieut. Commander CHARLES

Lieut. Commander Anton B. Ander-SON.

Lieut. Commander HIESTER HOOGE-WERFF.

Lieut. PETER K. FISCHLER.

Lieut, Ernest H. Von Heimburg.

Lieut. James J. Hughes.

Lieut. WALTHER G. MASER.

Lieut. Thomas H. Robbins, Jr.

Lieut. FRIDTHJOF W. LONDAHL.

Lieut. (J. G.) ALLAN D. BLACKLEDGE.

Chief Boatswain Otto J. W. HALT-NORTH.

DEPARTMENT OF ORDNANCE AND GUNNERY

Commander Walter S. Anderson. Commander Douglas L. Howard. Commander SAMUEL A. CLEMENT. Lieut. Commander James B. Rutter. Lieut. Commander Herbert ROESCH.

Lieut. Commander Elliott B. Nixon. Lieut. Commander HARRY D. Mc-HENRY.

Lieut, Commander HENRY M. BRIGGS. Lieut. Commander WALKER COCHRAN. Lieut. Homer L. Grosskopf.

Lieut. SEABURY COOK. Lieut: HARRY W. NEED. Lieut, Ernest E. Herrmann. Lieut. HENRY R. HERBST. Lieut. Elmer R. Hill. Lieut. EVERETT D. KERN. Lieut. John J. Patterson. 3d. Lieut. JAMES L. HOLLOWAY, Jr. Lieut. HERBERT G. HOPWOOD. Lieut. (J. G.) EARL R. DELONG. Lieut. (J. G.) THOMAS C. SCAFFE. Chief Gunner Joseph Pranis.

DEPARTMENT OF NAVIGATION

Commander WILLIAM J. GILES. Commander Archer M. R. Allen. Lieut. Commander Charles J. Moore. Lieut. Commander HENRY J. SHIELDS. Lieut. Commander Schuyler Mills. Lieut. Commander PHILIP V. H. WEEMS.

Lieut. Commander INGRAM C. SOWELL. Lieut. LEONARD P. WESSELL. Lieut, MALCOLM A. DEANS.

Lieut. Alonzo B. Alexander. Lieut. WILLIAM E. TARBUTTON. Lieut. STEPHEN K. HALL. Lieut. THOMAS B. BRITTAIN. Lieut. ROBERT H. HARGROVE. Lieut. STEPHEN C. DOUGHERTY. Lieut. John E. GINGRICH. Lieut. CHARLES M. ABSON. Lieut. (J. G.) VIRGIL E. KORNS. Lieut. (J. G.) ELMER S. STOKER.

DEPARTMENT OF ENGINEERING AND AERONAUTICS

Capt. GILBERT J. ROWCLIFF. Commander RALPH C. NEEDHAM. Lieut. Commander CHAUNCEY LUCAS.

Lieut. Commander HERBERT W. UN-DERWOOD.

Lieut. Commander George B. Ashe. Lieut. Commander Wells E. Good-HUE.

Lieut. Commander George W. D. DASHIELL.

Lieut. Commander Kenneth R. R. WALLACE.

Lieut. Commander Ellsworth Davis. Lieut. Commander · THOMAS VINSON.

Lieut. CARROLL W. HAMILL.

Lieut. BENJAMIN O. WELLS.

Lieut. ALLEN D. BROWN.

Lieut. CHARLES H. ROCKEY.

Lieut. WALTER H. WEED, Jr.

Lieut. CLARENCE F. SWANSON.

Lieut. Ernest E. Stevens.

Lieut. DUDLEY M. PAGE.

Lieut. John W. Higley. Lieut. Douglass P. Johnson.

Lieut. RICHARD H. CRUZEN.

Lieut. (J. G.) ROBERT D. THRESHIE.

Lieut. (J. G.) ROBERT BOLTON, Jr.

Lieut. (J. G.) HARRY D. POWER. Lieut. (J. G.) CAMPBELL CLEAVE.

Commander THEODORE W. JOHNSON

HALE Lieut. Commander John I.

(C. C.).

Lieut. Commander ROBERT N. S. BAKER (C. C.).

Lieut. GLENN H. EASTON (C. C.). Lieut. GROVER C. KLEIN (C. C.).

Chief Machinist James M. Berlin. Asso. Prof. CLARENCE P. BOLGIANO.

Asso. Prof. WILLIAM E. FARRELL. Asso. Prof. George Beneze.

DEPARTMENT OF MATHEMATICS

Commander Allan J. Chantry, Jr. (C. C.).

Commander HERBERT L. RICE (Math.).

Prof. PAUL CAPRON.

Prof. CHARLES L. LEIPER.

Asso. Prof. WILLIAM J. KING.

Asso. Prof. James B. Eppes.

Asso. Prof. James A. Bullard.

Asso. Prof. James N. Galloway.

Asso. Prof. Alexander Dillingham.

Asso. Prof. GUY R. CLEMENTS.

Asso. Prof. HENRY M. ROBERT, Jr.

Asso. Prof. Levi. T. Wilson.

Asst. Prof. John Tyler.

Asst. Prof. James B. Scarborough.

Asst. Prof. REGINALD C. LAMB.

Asst. Prof. EUGENE S. MAYER.

Asst. Prof. LYMAN M. KELLS.

Asst. Prof. WILLIAM A. CONRAD.

Asst. Prof. HAROLD E. JENKS.

DEPARTMENT OF ELECTRICAL ENGINEERING AND PHYSICS

Commander Benjamin Dutton. Commander RALPH B. HORNER.

Lieut. Commander SCHAMYL COCHRAN. Lieut. Commander Frank SLINGLUFF. Jr.

Lieut. Commander Scott D. Mc-CAUGHEY.

Lieut. Commander FRED K. ELDER. Lieut. Commander CAMPBELL

EDGAR. Lieut. Commander BAYLIS F. POE.

Lieut. Commander CHARLIE P. Mc-FEATERS.

Lieut. Commander Roy Dudley.

Lieut. Commander RICHARD L. CON-OLLY.

Lieut, Leverett S. Lewis.

Lieut. CHESTER M. HOLTON.

Lieut. DAVID E. CUMMINS.

Lieut. Graeme Bannerman.

Lieut. CHAUNCEY R. CRUTCHER.

Lieut. WILLIAM E. CLAYTON.

Lieut. STUART S. MURRAY.

Lieut. WILLIS W. PACE.

Lieut, RICHARD S. MORSE.

Lieut. REINHARD C. MOUREAU.

Lieut. HAROLD R. PARKER.

Lieut. Brook S. Mansfield.

Lieut. John E. Whelchel.

Lieut. LYMAN S. PERRY.

Lieut. PAUL W. STEINHAGEN.

Lieut. (J. G.) MARCY M. DUPRE.

Lieut. (J. G.) GORDON A. PATTERSON. Commander Paul J. Dashiell, (Math.).

Lieut. Melville W. Powers (C. C.).

Lieut. Douglas W. Coe (C. C.).

Asso. Prof. Gordon D. Robinson.

Asst. Prof. John C. Gray.

Asst. Prof. DAVID G. HOWARD. Asst. Prof. Earl W. Thomson.

DEPARTMENT OF ENGLISH

Prof. Carroll S. Alden. Prof. ALLAN F. WESTCOTT.

Asso. Prof. Walter B. Norris.

Asso. Prof. Howard McCormick.

Asso. Prof. HENRY F. STURDY.

Asso. Prof. Charles L. Lewis.

Asso. Prof. ROYAL S. PEASE.

Asst. Prof. Roderick S. Merrick.

Asst. Prof. WILLIAM A. DARDEN.

Asst. Prof. WILLIAM K. DOTY.

Asst. Prof. FRED I. MYERS.

Asst. Prof. CLYDE B. FORTNA.

DEPARTMENT OF MODERN LANGUAGES

Commander WILHELM L. FRIEDELL. Commander Herbert A. Jones.

Asso. Prof. ARTURO FERNÁNDEZ.

Asso. Prof. WILLIAM E. OLIVET. Asso. Prof. Molton A. Colton.

Asso. Prof. Joseph M. Purdie.

Asst. Prof. Lucien L. R. Fournon.

Asst. Prof. CLARENCE V. FOWLER.

Asst. Prof. HENRY BLUESTONE.

Asst. Prof. Daniel Jordan.

Asst. Prof. PAUL A. LAJOYE.

Asst. Prof. Homer B. Winchell.

DEPARTMENT OF HYGIENE

Capt. WILLIAM H. BELL (M. C.). Lieut. George E. Mott (M. C.).

DEPARTMENT OF PHYSICAL TRAINING

Commander Byron McCandless.
Lieut. Commander Wm. A. Richardson.
Lieut. (J. G.) Harry H. Deringer.¹
Ensign William P. E. Wadbrook.¹
Ensign Elliott W. Shanklin.¹
Lieut. George E. Mott (M. C.).
Chief Boatswain Frederick W. Filbry.
Chief Instructor Louis H. Mang.
Asst. Chief Instructor George Heintz.
Asst. Chief Instructor John Schutz.

Instructor Frank J. Sazama.
Instructor Henry Ortland, Jr.
Instructor John N. Wilson
Instructor Tom G. Taylor.
Instructor Hamilton M. Webb.
Instructor Joseph W. Graham.
Instructor M. Frank Lynch.
Instructor Frank L. Foster.
Instructor Walter Aamold.
Instructor Robert S. Builer.

YARD MEDICAL

Capt. William H. Bell (M. C.).
Lieut. Commander Charles J. HoleMan (M. C.).
Lieut. Commander Willard J. RidDICK (M. C.).
Lieut. Robert T. Canon (M. C.).
Lieut. Clark E. Morrow (M. C. D. S.)
Lieut. William P. Mull (M. C.).
Lieut. Spry O. Claytor (M. C. D. S.).
Lieut. George E. Mott (M. C.).

Lieut. James F. Terrell (M. C.).
Lieut. John T. O. O'Connell (M. C.).
Lieut. Henry G. Ralph (M. C. D. S.).
Lieut. Camile J. Flotte (M. C.).
Lieut. William D. Day (M. C. D. S.).
Lieut. (J. G.) Frank A. Richison
(M. C. D. S.).
Lieut. (J. G.) George H. Rice
(M. C. D. S.).
Pharmacist Arthur L. Crowder.

LIBRARY

Asst. Prof. Richard J. Duval. Asst. Librarian Louis H. Bolander.

CURATOR

Prof. HERMAN F. KRAFFT.2

POSTGRADUATE SCHOOL

Commander ROBERT A. THEOBALD.
Lieut. Commander Edward W
HANSON.
Lieut. Commander Event I. Wood

Lieut. Commander Elmer L. Woodside.

Prof. RALPH E. ROOT.
Prof. MILTON C. STUART.
Prof. EARLE B. FOX.
Prof. ALBERT F. WAGNER.

¹ Temporary duty as coaches.

Asso. Prof. Paul J. Kiefer.
Asso. Prof. Charles C. Bramble.
Asso. Prof. Guy E. Grantham.
Asst. Prof. Charles H. Rawlins.
Asst. Prof. Ralph S. Wilbur.
Asst. Prof. Robert G. Giet.
Asst. Prof. Charles V. O. Terwilliger.

² Additional duty in Department of English.

STUDENT OFFICERS

Lieut. CHARLES G. HALPINE. Lieut. WATSON O. BAILEY. Lieut. CLYDE LOVELACE.

Lieut. Howard W. Kitchin.

Lieut. LELAND D. WEBB. Lieut. MERVIN W. ARPS.

Lieut. WILLIAM H. MAYS.

Lieut. ELIOT H. BRYANT.

Lieut. DAVID S. CRAWFORD.

Lieut. ROBERT L. BOLLER.

Lieut. EMILE CHOURRE.

Lieut. Volney C. Finch. Lieut. Robert Anderson.

Lieut. Thomas O. Brandon.

Lieut. HAROLD B. HERTY.

Lieut. James M. Fernald.

Lieut. WILLIAM W. FIFE.

Lieut. ABEL C. J. SABALOT. Lieut. FRANK RORSCHACH, Jr.

Lieut. WILLIAM H. GALBRAITH.

Lieut. WARNER W. ANGERER.

Lieut. George P. Kraker. Lieut. EDWIN F. CONWAY.

Lieut. Frederick C. Sachse.

Lieut. James B. Donnelly.

Lieut. Francis P. Old.

Lieut. BENJAMIN P. WARD. Lieut. PHILIP R. KINNEY.

Lieut. (J. G.) ROBERT E. MELLING.

Lieut. (J. G.) NEILL D. BRANTLY. Lieut. (J. G.) ORVILLE G. COPE, Jr.

Lieut. (J. G.) ELMER KIEHL.

Lieut. (J. G.) STANLEY F. PATTEN.

Lieut. (J. G.) FRANCIS A. PACKER.

Lieut. (J. G.) RANSOM K. DAVIS. Lieut. (J. G.) NEALY A. CHAPIN.

Lieut. (J. G.) EDWARD E. ROTH.

Lieut. (J. G.) WILLIAM B. FLETCHER,

Jr.

Lieut. (J. G.) NORMAN O. SCHWIEN.

Lieut. (J. G.) GEORGE H. DEBAUN.

Lieut. (J. G.) TALBOT SMITH.

Lieut. (J. G.) WILLIAM E. SULLIVAN.

Lieut. (J. G.) JAMES L. ROBERTSON. Lieut. (J. G.) VIRGIL K. BAYLESS.

Lieut. (J. G.) John A. Snackenberg.

Lieut. (J. G.) CHARLES R. PRATT.

Lieut. (J. G.) RUTLEDGE B. TOMPKINS.

Lieut. (J. G.) WILLIS N. ROGERS.

Lieut. (J. G.) GUY CHADWICK. Lieut. (J. G.) WESLEY C. BOBBITT.

Lieut. (J. G.) RALPH E. BUTTERFIELD.

Lieut. (J. G.) HARRY A. GUTHRIE.

Lieut. (J. G.) BRUCE SETTLE.

Lieut. (J. G.) HAROLD W. EATON.

Lieut. (J. G.) Wilson D. Leggett, Jr. Lieut. (J. G.) Elmon B. Guernsey.

Lieut. (J. G.) RALPH O. MYERS.

Lieut. (J. G.) GEORGE S. YOUNG.

Lieut. (J. G.) Byron H. Hanlon. Lieut. (J. G.) WILBUR F. BROUN.

Lieut. (J. G.) ALDEN R. SANBORN (C. C.).

Ensign HAROLD W. NORTHCUTT.

Ensign John B. Pearson, Jr.

Ensign Henry A. Schade.

Ensign George A. Holderness, Jr.

Ensign Robert C. Bell, Jr.

Ensign WILLIAM S. KURTZ. Ensign John J. HERLIHY.

Ensign EMMETT E. SPRUNG.

Ensign WILLIAM L. RICHARDS.

Ensign Walter T. Eckberg.

Ensign RICHARD P. CARLSON.

Ensign Wallace B. Short.

First Lieut. MANOEL S. CARNEIRO. Brazilian Navy.

YARD CHAPLAINS

Capt. Sydney K. Evans (Ch. C.) Commander William N. Thomas (Ch. C.)

MARINE BARRACKS

Maj. HAROLD F. WIRGMAN, U. S. M. C. First Lieut. Frederick E. Stack, U. S. M. C. First Lieut. WILLIAM H. FAGA, U. S. M. C.

U. S. S. REINA MERCEDES (STATION SHIP)

Commander Laurance N. McNair.
Lieut. Ludwig W. Gumz.
Lieut. Mason E. Mitchell (S. C.).
Lieut. Robert H. Lake (C. C.).
Chief Boatswain Clarence E. McBride.
Chief Boatswain William F. Ahrens.

Boatswain Albert A. Webb.
Chief Gunner James A. Featherston. Chief Machinist William H. Hubbard.
Carpenter Arthur F. Whittier.
Chief Pay Clerk John W. Nichols.
Pay Clerk John W. Troy.

SUPPLY OFFICE

Capt. Charles Conard (S. C.). Lieut. Michael A. Sprengel (S. C.). Pay Clerk Noel O. Bickham.

NAVAL HOSPITAL

Capt. Robert M. Kennedy (M. C.). Commander Richard A. Warner (M. C.).

Commander Edward H. H. Old (M. C.).

Lieut. Commander Talmadge Wilson (M. C.).

Lieut. Commander Paul W. Wilson (M. C.).
Lieut. Daniel P. Platt (M. C.).
Lieut. Everett B. Taylor (M. C.).

Chief Pharmacist CLYDE E. SNIDER. Chief Pharmacist LEON H. FRENCH. Pharmacist Frank R. Bork.

ENGINEERING EXPERIMENT STATION

Capt. Paul B. Dungan.
Commander Philip H. Hammond.
Lieut. Eli B. Parsons.

NAVAL RADIO STATION (HIGH POWER)

Lieut. Paul B. Thompson. Chief Gunner William J. Murphy.

NAVY COMMISSARY STORE

Lieut. HERMAN F. GINGRICH (S. C.). Pay Clerk HENRY A. OSWALD.

Additional duty in electrical engineering and physics department.

ACADEMIC BOARD

THE SUPERINTENDENT.

THE COMMANDANT OF MIDSHIPMEN.

THE HEAD OF THE DEPARTMENT OF SEAMANSHIP AND FLIGHT TACTICS.

THE HEAD OF THE DEPARTMENT OF ORDNANCE AND GUNNERY.

THE HEAD OF THE DEPARTMENT OF NAVIGATION.

THE HEAD OF THE DEPARTMENT OF ENGINEERING AND AERONAUTICS.

THE HEAD OF THE DEPARTMENT OF MATHEMATICS.

THE HEAD OF THE DEPARTMENT OF ELECTRICAL ENGINEERING AND PHYSICS.

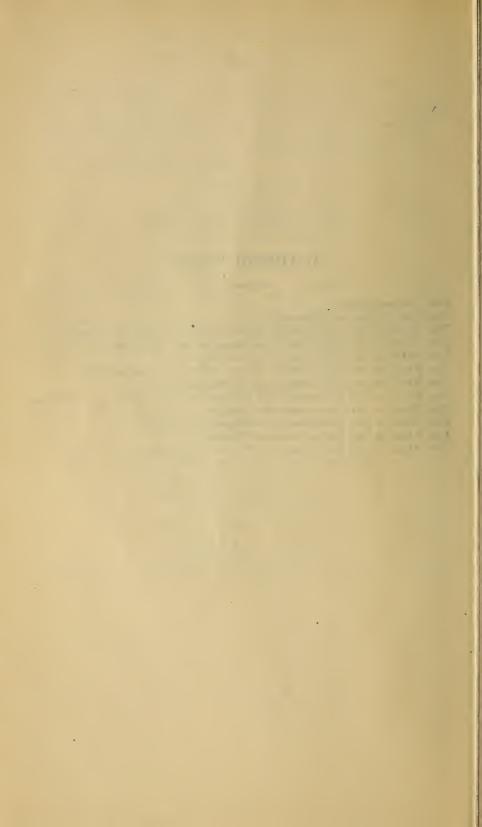
THE HEAD OF THE DEPARTMENT OF ENGLISH.

THE HEAD OF THE DEPARTMENT OF MODERN LANGUAGES.

THE HEAD OF THE DEPARTMENT OF HYGIENE.

THE HEAD OF THE DEPARTMENT OF PHYSICAL TRAINING.

23



PRACTICE CRUISE, 1925

There was no regular Naval Academy practice squadron for the summer practice cruise, 1925.

Officers and midshipmen detailed for the practice cruise embarked on June 4,

1925, and disembarked August 29, 1925.

The midshipmen of the first, second, and third classes were assigned to the following ships of Battleship Division 2, Scouting Fleet: New York (flagship), Arkansas, and Utah.

The itinerary of the midshipmen's practice cruise was as follows:

Place	Arrival	Departure
Annapolis	May 30	June 6.
Panama (fuel)	June 14	June 17.
San Pedro (overhaul)	June 30	July 8.
San Francisco (fuel)	July 10	July 17.
Astoria		
Seattle		
San Diego (fuel)		
Panama (fuel)		-
Annapolis		

¹ Note.—One-hundred and fifty-three midshipmen of the first class (class of 1926) remained at the Naval Academy for aviation instruction. For list of names, see pages 142-3.

MERIT ROLLS FOR 1924-25

Merit rolls, made out annually for each class, show the proficiency of the midshipmen in each branch of study. The numbers given in the table, showing the relative weight of the different branches, are used as coefficients, the final mark in each branch (on a scale of 4) being multiplied by the number assigned to that branch. The sum of the products, after adding the multiple for discipline, is the final mark of the midshipmen for the year.

In the graduating merit roll the final standing for the course is determined by

the sum of the yearly multiples.

Midshipmen who attain 85 per cent of the multiple for a year shall be distinguished by a star affixed to their names on the annual merit rolls. (Regu-

lations, U.S. Naval Academy, 1923, par. 167.)

The diplomas of midshipmen whose final multiples on the graduating merit roll are not less than 85 per cent of the maximum shall read "Passed with distinction"; those whose final multiples are less than 85 per cent but not less than 75 per cent of the maximum shall read "Passed with credit"; and those whose final multiples are less than 75 per cent of the maximum shall read "Passed." (Regulations, U. S. Naval Academy, 1923, par. 168.)

*Received 85 per cent of multiple.

A Completed course; commission withheld pending action on physical disability.

- B Completed course; diploma and commission withheld pending recovery from illness.
 - a Filipino; graduated, but not commissioned.
 - b Resignation accepted upon graduation due to physical disqualification.
- c Diploma withheld; sent on practice cruise as disciplinary measure; later resigned.
 - d Continued with class pending delayed examinations due to illness.
 - dd Died.
- e Diploma withheld; sent on practice cruise as disciplinary measure; later graduated and commissioned.
 - f Dismissed.
 - g Found physically disqualified and required to resign.
 - h Deficient in studies; turned back.
 - i Deficient in studies; required to resign.
- j Diploma withheld; sent on practice cruise as disciplinary measure; later turned back into next lower class.
 - MC Assigned to Marine Corps upon graduation.
 - p Turned back into this class on account of illness.
 - r Resigned.
 - s Voluntary resignation accepted immediately upon graduation.
 - SC Assigned to Supply Corps upon graduation.
 - t Recommended for dismissal but permitted to resign.
 - w Turned back into next lower class on account of illness.
 - x Deficient for first term; turned back into this class.

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members of whom 448 graduated

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggre- gate for four years
	Maxima	80	200	300	400	980
*1	Hubbard, H. E	73. 51	185. 50	279. 02	369. 88	907. 91
*2	Burkhead, L. H	71. 75	174. 45	275. 31	362. 30	883. 81
*3	Collins, C. J.	70. 48	178. 89	276. 71	357. 21	883. 29
*4	Landers, W. N.	71. 02	180. 47	272. 04	353. 31	876. 84
8*5	Howlett, K. S., jr	70. 96	173. 73	267. 26	359. 00	870. 95
*6	Benson, W. H.	67. 51	171. 98	270. 73	360. 49	870. 71
*7	Wright, F. B.	69. 22	175. 07	268. 09	353. 80	866. 18
*8 *9	Goodwin, E. S. L	72. 38	178. 69	267. 57	346. 45	865. 09
*10	Sides, J. H	71. 33 70. 65	177. 58 173. 19	269. 04 265. 00	344. 34 351. 61	862. 29 860. 45
*11	Ross, D. A	71. 66	173. 19	271. 45	343. 97	859. 63
*12	Grimes, C. G.	65. 24	168. 34	258. 35	359. 10	851. 03
*13	Moore, C. H.	67. 83	170. 98	261. 49	350. 24	850. 54
*14	Straub, W. C.	66. 78	173. 22	256. 33	352. 36	848. 69
*15	Madsen, H. V. B	69. £7	173. 08	259. 89	344. 18	846. 62
*16	Marshall, W. J	65. 91	168. 31	259. 11	351. 76	845. 09
*17	Long, V. D.	68. 69	170. 41	261. 60	344. 28	844. 98
*18	Crommelin, H	67. 07	168. 41	254. 57	353. 99	844. 04
*19	Robinson, J. M	66, 11	164. 57	259. 01	354. 06	843. 75
*20	Stubbs, D	65. 21	165. 99	254. 61	357. 31	843. 12
<i>s</i> *21	Moeller, W. F	66. 72	169. 93	256. 81	347. 98	841. 44
MC*22	Trumble, E. J	66. 66	166. 95	258. 73	348. 90	841. 24
*23	Sledge, A	68. 05	172. 34	262. 25	337. 65	840. 29
*24	Todd, G. L	70. 86	171. 78	258. 43	337. 10	838. 17
· *25	Pyne, S. N.	68. 27	171. 73	255. 19	342. 09	837. 28
*26	Harlow, J. B.		171. 73	252. 96	340. 21	834. 59
*27	Creasor, P. S		170. 27	256. 28	340. 74	834. 37
28	Edmundson, E. H		164. 18	256. 30	345. 41	829. 57
29	Mason, R		165. 10	250. 41	349. 99	827. 49
30	Tucker, D. P.		160. 46	253. 14	348. 52	826. 75
31	McMurtrey, T. B		161. 53	257. 39	343. 65	826. 40
32	Loomis, F. K.		167. 75	253. 38	337. 73	826. 39
MC 33	Harris, H. D.		165. 94	250. 41	343. 99	825. 21
34	Murphy, J. W., jr		161. 07	257. 06	345. 36	825. 17
35	Peterson, M. R.		163. 80	254. 38	340. 89	824. 24
36	Adams, R. L.	65. 17	163. 09	254. 14	341. 06	823. 46
37 38	Parker, E. N.		163. 97	252. 34	343. 28	823. 45
39	Goldenson, D Eller, E. McN	67. 67	161. 96	250, 23	342. 20	822. 06
MC 40	Rahiser, M. S.	69. 03	166. 64	250. 77	333. 58	820. 02
41	Wallace, L	67. 69	167. 18 166. 36	250. 61 250. 28	336. 84 334. 92	819. 30 819. 25
MC 42	Uhlig, F. J.	66. 99	163. 92	253. 88	334. 34	819. 23
43	Voge, R. G.	64. 49	162. 98	254. 37	336. 89	818. 73
44	Brown, T. M.	64. 17	164. 43	251. 16	337. 81	817. 57
45	Dyer, R. L.			250. 22	339. 13	816. 87
	1 - 5 - 52, 200 - 2		, 101.00	200. 22	, 550. 10	020.01

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

Order of	Names .	First year	Second year	Third year	Fourth year	General aggre- gate for four
merit						years
-	Maxima	80	200	300	400	980
46	Sihler, W	67. 07	162. 95	249. 81	336. 49	816. 32
47	McGirr, W. P	58. 72	158. 38	251. 44	347. 31	815. 85
48	Hoag, L. F	64. 77	163. 87	250. 35	336. 52	815. 51
49	Hord, P. W	61. 29	160. 10	249. 97	341. 78	813. 14
50	Seabury, C. C.	61. 70	158. 58	249. 30	340. 58	810. 16
s51	Strong, W. H.	64. 42	161. 06	249. 98	334. 34	809. 80
52	Pickton, W. H.	66. 09	165. 47	247. 49	330. 58	809. 63
53	Wheelock, A. W	63. 23	162, 71	251. 73	331. 42	809. 09
54	Lent, W. A.	65. 21	162. 49	242. 43	338. 85	808. 98
55	Moseley, S. P.	64. 88	160. 98	248. 95	333. 78	808. 59
	• •			253. 07		
b56	Burling, D. O.	60. 95	171. 46		322. 55	808. 03
57	Trainer, H. G.	63. 72	159. 26	248. 68	336. 19	807. 85
58	Walker, E. K.	64. 08	159. 26	245. 46	338. 60	807. 40
MC 59	Zuber, A	67. 54	163. 45	245. 96	326. 96	803. 91
60	Purmort, G. L.	63. 90	159. 85	246. 00	332. 75	802. 50
61	Larkin, R. A	65. 05	162. 97	244. 85	328. 84	801. 71
62	McAdam, S. T., jr	63. 35	161. 92	244. 43	330. 92	800. 62
63	Taylor, E. B	62. 72	159. 84	240. 41	336. 10	799. 07
64	Compton, P. D	64. 38	158. 98	245. 63	329. 43	798. 42
65	Beers, W. H., jr	66. 79	165. 38	244. 75	320. 48	797. 40
66	Eaton, W. A.	69. 82	165. 63	240. 30	321. 46	797. 21
67	Long, J. H.	63. 03	160. 11	242. 08	331. 86	797. 08
68	Hartzell, P. A	67. 49	157. 83	235. 21	336. 02	796. 55
69	Weston, L. T.	60. 12	155. 51	241. 30	339. 08	796. 01
70	Melgaard, J. L	63. 30	161. 03	238. 60	332. 94	795. 87
71	Bains, G. W.	61. 61	155. 20	250. 06	328. 93	795. 80
72	Cronin, R. E.	62, 75	156. 20	249. 64	327. 01	795. 60
73	Smith, J. S., jr	62. 96	153. 79	238. 51	340. 15	795. 41
74	Buerkle, E. C.	61. 83	154. 82	238. 64	339. 24	794. 53
741/2	Sullivan, E. D.	67. 34	162. 41	239. 13	325. 36	794. 24
s75	Johnson, V. E.	63. 07	163. 97	242. 87	324. 18	794. 09
76				245. 92	332. 79	793. 79
77	McDaniel, C. De M.	61. 86	153. 22			
	Warder, F. B	65. 21	160. 95	239. 87	327. 53	793. 56
78	Tullsen, W.	65. 39	162. 28	242. 64	322, 58	792. 89
79	Harcourt, S. H.	63. 08	157. 25	242. 14	330. 36	792. 83
80	Thomas, F. J.	65. 25	157. 75	238. 35	331. 40	792. 75
81	Lind, W. G. H.	66. 00	160. 75	241. 89	324. 01	792. 65
82	Hull, D. R.	68. 23	165. 04	240. 12	318. 79	792. 18
83	Spiller, J. H.	60. 55	161. 80	244. 89	324. 92	792. 16
84	Thomas, T. C.	62. 39	155. 96	241. 21	331. 84	791. 40
85	Stryker, J. W	67. 61	159. 97	239. 08	324. 70	791. 36
86	Powell, M. A.	64. 86	161. 17	241. 48	322. 76	790. 27
87	Gill, C. B.	68. 42	159. 02	237. 15	324. 44	789. 03
88	Paro, E. E.	59. 62	151. 03	239. 57	338. 14	788. 36
89	Howard, W. B., jr	63. 73	161. 45	237. 86	325. 24	788. 28

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

90 Ch 91 Ha 92 Ell 93 Ph 94 Mo \$94½ Lu 95 Gil 96 van	Maximaarlson, J. A., jr	66. 12	200	300	100	
91 Ha 92 Ell 93 Ph 94 Mo s94½ Lu 95 Gil 96 va	mmond, S. A., jr	66, 12			400	980
91 Ha 92 Ell 93 Ph 94 Me s94½ Lu 95 Gil 96 va	mmond, S. A., jr		158. 84	238. 40	324. 81	788. 17
93 Ph 94 Mo \$94½ Lu 95 Gil 96 var	iott D E	67. 30	161. 82	236. 87	322. 18	788. 17
94 Mo \$94½ Lu 95 Gil 96 van	1000, 10. 15	64. 07	157. 02	246. 20	320. 29	787. 58
\$94½ Lu 95 Gil 96 van	illips, G. L	59. 15	153. 72	247. 80	326. 72	787. 39
95 Gil 96 va	Nally, J. A	64. 71	160. 20	239. 28	323. 20	787. 39
96 var	ke, R. H	65. 71	157. 14	239. 37	323. 65	785. 87
	bson, P. F., jr	66. 88	161. 46	238. 10	319. 09	785. 53
97 Du	n Nagell, J. R	64. 17	160. 26	242. 38	318. 48	785. 29
	ınlop, M. G	67. 57	165. 26	235. 36	316. 52	784. 71
	trobe, W. C	62. 85	159. 45	234. 23	327. 85	784. 38
	ennan, J. W	59. 42	155. 78	241. 73	327. 35	784. 28
101 Bil	ling, F. C.	63. 45	158. 09	236. 01	326. 53	784. 08
	ven, F. W	59. 70	155. 78	241. 95	324. 95	782. 38
	lley, B. D	63. 26	158. 87	236. 57	322. 84	781. 54
	rns, F. D., jr	69. 87	161. 42	234. 63	315. 42	781. 34
	ımma, M. C., jr	62. 74	161. 09	236. 26	321. 24	781. 33
	gaboom, R. E	66. 27	159. 35	240. 82	314. 63	781. 07
	ller, C. F	64. 53	162. 50	238. 73	315. 14	780. 90
	rt, D. A	64. 16	155. 95	239. 84	320. 85	780. 80
	ith, S. P.	62. 84	154. 63	236. 01	326. 85	780. 33
	rk, J. R	64. 21	158. 63	238. 19	318. 97	780. 00
	keslee, H. W	65. 96	155. 73	236. 31	321. 55	779. 55
	inglin, B. C., jr	60. 88	156. 89	234. 40	327. 07	779. 24
	rschach, A. L	65. 45	163. 77	234. 51	315. 48	779. 21
	ith, C. C.	58. 03	153. 19	240. 15	326. 04	777. 41
115 Wr	ight, G. C.	63. 56	152. 88	236. 75	323. 75	776. 94
	ree, D. M	63. 64	156. 55	231. 58	324. 37	776. 14
	on, H. Nhlke, H. O	62. 44 62. 33	159. 16 160. 10	233. 48 232. 09	320. 90 321. 24	775. 98
		66. 99	155. 38	240. 41	312. 21	775. 76 774. 99
	nston, A. G	66. 71	161. 67	238. 11	307. 92	774. 99
	good, D. Mbbs, R. H	64. 25	158. 53	237. 56	314. 03	774. 37
	born, W. B.	65. 78	159. 50	233. 07	315. 84	774. 19
	Kleeck, E. St.	00. 10	100.00	200.01	910.01	117.10
	'	60. 70	156. 41	234. 24	322. 43	773. 78
	C., jr y, DeV. L	60. 84	149. 28	233. 40	330, 23	773. 75
	wton, W. S.	57. 96	152. 15	236. 03	327. 59	773. 73
	amplin, J. S.	61. 03	154. 55	233. 15	324. 38	773. 11
	llis, R. E	61. 15	153. 98	241. 59	316. 35	773. 07
	wie, T. R	60. 75	157. 60	232. 38	322. 11	772. 84
	y, C. C.	62. 00	154. 52	233. 29	322. 81	772. 62
	ler, James M	61. 48	155. 68	236. 37	318. 58	772. 11
	ugen, C. E	60. 70	155. 22	238. 43	317. 64	771. 99
	nk, F. H	61. 67	153. 03	23506	322. 20	771. 96

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

		,		1	,		7
,	rder of erit	Names	First year	Second year	Third year	Fourth year	General aggre- gate for four years
		Maxima	80	200	300	400	980
	133	Toolsoon A in	57. 62	149. 96	237. 58	326. 12	771. 28
	134	Jackson, A., jr O'Neill, C. H	67. 00	157. 86	236. 27	310. 05	771. 28
мс		Snedeker, J	63. 06	151. 64	240. 06	316. 34	771. 10
	s136	Wishart, C. A.	63. 96	156. 05	228. 98	322. 07	771. 06
•	137	Smith, Rodman D	59. 79	153. 13	239. 75	318. 29	770. 96
	138	Dillavou, C. A.	62. 75	152. 17	236. 38	319. 38	770. 68
	139	Goulett, W. B.	65. 51	156. 73	229. 38	318. 98	770. 60
	140	Parks, L. S.	57. 54	148. 93	236. 40	327. 43	770. 30
MC		Blanchard, J. D.	62. 16	155. 16	231. 25	321. 34	769. 91
2.12.0	142	Bell, H. B., jr	62. 60	149. 89	236. 79	320. 52	769. 80
	143	Beard, D. C.	61. 14	152. 35	237. 77	318. 13	769. 39
	144	Dawson, K. V	61. 95	148. 83	235. 42	323. 09	769. 29
	145	Charles, R. W	61. 86	150. 93	235. 93	320. 48	769. 20
	146	Miller, Lermond H	57. 99	150. 28	238. 21	322. 46	768. 94
	147	Sigel, C. H.	61. 33	156. 39	239. 33	311. 87	768. 92
	148	Putnam, W. H.	58. 97	150. 08	239. 04	320. 69	768. 78
	149	Kramer, A. D.	60. 21	152. 58	237. 32	318. 53	768. 64
	150	Pound, H. C.	62. 27	156. 64	229. 03	320. 21	768. 15
	151	Nickerson, R. B	63. 20	153. 65	228. 86	322. 28	767. 99
	152	Goodney, W. K	58. 57	149. 66	231. 50	327. 85	767. 58
	153	Tweedy, E	59. 44	151. 84	234. 66	321. 56	767. 50
	154	Timberlake, F. S	62. 75	160. 05	231. 66	312. 59	767. 05
	155	Munroe, F. A., jr	58. 87	147. 52	226. 12	334. 53	767. 04
	156	Ludewig, J. W	65. 01	157. 69	234. 73	309. 61	767. 04
	$156\frac{1}{2}$	Blue, J. S.	57. 56	146. 24	241. 55	321. 28	766. 63
	157	Van Metre, M	62. 43	152. 12	230. 11	321. 67	766. 33
	158	Gingras, R. H.	60. 57	150. 04	235. 28	319. 51	765. 40
	159	Knowles, J. P.	59. 72	151. 84	232. 38	321. 04	764. 98
	160	Reamy, T. G.	62. 42	149. 44	232. 04	320. 65	764. 55
	161	Williams, K	60. 56	152. 05	234. 81	316. 76	764. 18
	162	Fee, G. E	64. 34	156. 39	234. 74	308. 70	764. 17
MC		Hart, J. N	66. 79	154. 88	231. 08	310. 93	763. 68
	164	Smith, D. E.	60. 91	156. 16	227. 38	317. 10	761. 55
	165	Parke, D. D.	61. 15	156. 24	227. 26	316. 76	761. 41
	166	Schultz, W. C.	61. 02	153. 18	230. 25	316. 62	761. 07
	167	Johnson, T. W., jr	58. 80	146. 12	240. 16	315. 84	760. 92
	168	McNulta, H., jr	61. 02	152. 48	228. 98	318. 22	760. 70
	170	Stolz, F. R.	62. 67	154. 51	223. 98	319. 42	760. 58
	171	Rice, H. P.	66. 30	154. 66	229. 27	309. 94	760. 17
	172	Bond, C. A.	61. 73	153. 59	240. 01	304. 00	759. 33
	173	Briggs, C	63. 49	156. 33	229. 51	309. 85	759. 18
	174	Kimzey, R. P.	62. 93	156. 24	225. 73	313. 89	758. 79
	175	Messmer, W. LeR	61. 57	153. 22	226. 75	317. 23	758. 77
	176	Broadbent, J. H.	62. 18	152. 48	230. 62	313. 07	758. 3 5
	177	Brian, H. T.	62. 37	147. 42	225. 90	322. 65	758. 34

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

				Γ	1	1 -
Order of merit	Names	First year	Second year	Third year	Fourth year	General aggre- gate for four years
	Maxima	80	200	300	400	980
178	Criddle, C. R.	55. 95	150. 09	231. 84	320. 37	758. 25
179	Barnhart, F. C.		154. 32	233. 05	310. 98	758. 24
180	Reither, R. W.	61. 07	150. 52	235. 49	309. 97	757. 05
181	Simms, H. A.	59. 31	144. 81	228. 70	323. 98	756. 80
182	Sima, F. F.	58. 43	144. 62	230. 56	322. 94	756. 55
183	Reppy, J. D	58. 30	147. 88	228. 09	322. 25	756. 52
184	Graubart, A. H	62. 07	153. 52	223. 76	316. 91	756. 26
185	Broadley, C. V.	60. 23	148. 64	229. 82	316. 81	755. 50
186	Tolman, C. E., jr	60. 26	150. 69	231. 54	312. 60	755. 09
187	Lester, T.	59. 66	150. 63	236. 62	307. 72	754. 63
188	Cox, G. McC.	58. 89	151. 00	229. 06	315. 22	754. 17
189	O'Brien, W. J	59. 97	153. 77	229. 93	310. 35	754. 02
190	Kivette, F. N	57. 95	146. 84	233. 74	315. 47	754. 00
191	Sowell, J. C.	62. 05	148. 95	226. 99	315. 83	753. 82
192	Hobbs, I. E.	60. 95	148. 52	227. 01	316. 68	753. 16
193	Schleif, E. L	60. 82	149. 10	226. 35	316. 58	752. 85
194	Waters, H. T.	59. 05	156. 32	233. 28	304. 00	752. 65
195	French, J. FitzH	61. 44	154. 25	235. 25	301. 67	752. 61
s 196	Brash, F. C. C.	57. 58	145. 88	233. 49	315. 33	752. 28
197	Gallery, W. O	60. 50	151. 26	223. 45	316. 94	752. 15
198	McGown, M. Y., jr	55. 97	151. 75	234, 68	309. 30	751. 70
199	Larson, H. O	58. 89	150. 07	228. 85	313. 82	751. 63
200	Newton, E. P., jr	62. 78	156. 18	226. 30	306. 30	751. 56
201	Roberts, L. W	61. 77	148. 46	233. 14	307. 54	750. 91
202	Miller, H. F.	60. 18	149. 75	224. 39	316. 27	750. 59
204	Lambrecht, J. O	59. 59	151. 65	229. 65	308. 78	749. 67
205	Burrowes, T., jr	63. 92	150. 73	223. 08	311. 59	749. 32
206	Varian, D. C	61. 95	149. 87	231. 47	306. 03	749. 32
207	Hoffner, C. C.	62. 87	152. 82	224. 59	308. 87	749. 15
208	Wickizer, V. D	55. 85	149. 32	225. 14	318. 74	749. 05
209	Henderson, H. H	60. 86	149. 40	223. 80	314. 97	749. 03
210	Sugnet, L. F	55. 81	147. 70	225. 47	319. 45	748. 43
211	Weeks, C. S	61. 89	152. 85	227. 67	305. 70	748. 11
212	Smith, H. F.	57. 86	145. 77	229. 88	314. 33	747. 84
213	Hirst, G. C., jr	57. 07	149. 65	224. 52	316. 20	747. 44
214	Hurd, K. C	61. 51	151. 55	226. 36	307. 92	747. 34
MC 215	Goudeau, L. C.	58. 37	144. 49	227. 75	316. 51	747. 12
216	Wright, W. L.	60. 46	147. 41	229. 82	308. 94	746. 63
217	Johnson, W. W.	62. 37	147. 84	230. 26	305. 89	746. 36
218	Caldwell, R. S.	60. 94	148. 59	226. 92	309. 63	746. 08
219	Griffin, J. H.	60. 90	146. 42	226. 14	312. 42	745. 88
$219\frac{1}{2}$	Turney, W. L.	62. 28	145. 24	224. 54	313. 78	745. 84
e220	Carrington, J. H	64. 82	158. 65	226. 83	295. 36	745. 66
221	Smith, Russell S	61. 14	145. 43	229. 09	309. 76	745. 42
222	Sylvester, M. D	58. 22	147. 90	219. 24	319, 87	745. 23

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

225 226 227 228 1 SC 229 1 230 1 3	MaximaPefley, A. R Jarrell, A. E	80	200	300		
225 226 227 228 1 SC 229 1 230 1 3	Jarrell, A. E	er eo			400	980
226 0 227 2 228 1 SC 229 1 230 1		65. 62	151. 81	222. 22	305. 17	744. 82
227 2 228 1 SC 229 1 230 1	O:11 a II T	60. 32	149. 24	230. 90	303. 65	744. 11
228 I SC 229 I 230 I	Orville, H. T.	56. 09	149. 02	225. 33	313. 39	743. 83
SC 229 3 230 3	Allen, R. N	56. 57	148. 49	228. 21	309. 57	742. 84
230	Naquin, O. F	56. 87	149. 89	227. 46	308. 51	742. 73
	Dowden, J. P.	60. 98	155. 98	230. 04	295. 62	742. 62
001 (Robertson, J. B., jr	60. 33	149. 35	233. 28	299. 65	742. 61
	Steele, J. W	61. 22	152. 44	230. 67	297. 57	741. 90
	Taylor, J. D., 3d	61. 14	150. 39	222. 63	307. 61	741. 77
	Williamson, S. R.	60. 37	150. 65	224. 05	306. 66	741. 73
	Haviland, J. W., 3d	65. 55 61. 01	150. 20	226. 01 223. 23	299. 78	741. 54 741. 32
	Page, W. A	58. 07	147. 40 145. 25	232. 97	309. 68 304. 93	741. 32
	Miller, John M.	60. 48	145. 25	225. 06	307. 28	740. 72
	Lankford, C. K.	60. 66	147. 19	224. 09	308. 76	740. 72
	Benson, W. L.	60. 59	151. 05	220. 27	308. 76	740. 67
	Cash, J. B	58. 50	147. 60	228. 19	306. 37	740. 66
	Stillman, J. H.	62. 81	150. 81	228. 58	297. 55	739. 75
	Christensen, W. N.	57. 15	149. 97	223. 78	308. 49	739. 39
	Bataga, E. M.	63. 94	154. 62	226. 08	294. 55	739. 19
	Mann, E. E	56. 68	145. 26	226. 37	310. 73	739. 04
	Wood, H., jr	61. 16	149. 61	218. 99	309. 18	738. 94
1	Laffan, J. J.	60. 07	147. 18	220. 94	310. 51	738. 70
	Malone, C. F	59. 79	151. 98	223. 33	302. 69	737. 79
248	Vanassé, R. B	62. 70	150. 92	219. 50	304. 29	737. 41
	Wellings, J. H	58. 09	145. 45	223. 87	309. 27	736. 68
	Headden, W. R	58. 38	154. 29	224. 46	299. 41	736. 54
251	Bacon, B. E., jr	58. 74	149. 79	221. 06	306. 77	736. 36
MC 252	Waterman, H. C	60. 58	145. 34	222. 61	307. 79	736. 32
253	Lee, E. S	58. 65	145. 09	228. 64	303. 51	735. 89
254	Singer, W. T.	61. 77	149. 12	225. 26	299. 65	735. 80
255	Crosley, P. C.	56. 41	165. 36	223. 71	290. 18	735. 66
256	Day, J. S	63. 44	147. 11	223. 65	301. 19	735. 39
	Hamilton, R. M.	55. 41	146. 24	228. 20	305. 37	735. 22
	Hicks, J. M	60. 59	149. 82	222. 98	301. 77	735. 16
259	Bush, D. A.	55. 96	142. 14	229. 59	307. 43	735. 12
260	Clark, R. S	61. 21	143. 34	226. 05	304. 50	735. 10
	Cleland, J. B., jr	59. 67	145. 06	223. 49	306. 74	734. 96
	Foose, R. P.	59. 31	148. 88	221. 62	304. 98	734. 79
	Dufek, G. J	64. 03	149. 28	224. 15	296. 94	734. 40
	Richardson, E. C	62. 45	148. 34	223. 38	300. 07	734. 24
	Wagner, H	59. 56	151. 49	220. 64	302. 42	734. 11
	Blanche, J. G., jr.	52. 92	131. 96	225. 19	323. 83	733. 90
	Zitzewitz, E. K Poore, J. B	61. 84 58. 00	145. 30 149. 58	224. 95 223. 77	301. 79 302. 30	733. 88 733. 65

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggre- gate for four years
(mil	Maxima	80	200	300	400	980
269	Beck, E. L	59. 46	150. 32	218. 77	304. 75	733. 30
270	Leahey, G. A., jr	64. 12	151. 90	214. 34	302. 93	733. 29
271	Scott, J. M.	55. 16	150. 87	213. 71	312. 79	732. 53
272	Lyons, R. R.	59. 54	151. 90	224, 26	296. 58	732. 28
273	Morrison, C. H. B	61. 73	150. 62	220. 42	299. 42	732. 19
274	New, W. A	60. 52	147. 18	222. 08	302. 00	731. 78
s275	Clark, P. M	62. 62	153. 22	222. 64	293. 18	731, 66
276	Truesdell, W. H.	55. 90	145. 28	225. 46	304. 49	731. 13
277	Graham, W. W., jr	60. 30	148. 44	222. 66	299. 65	731. 05
278	Goodwin, J. F	53. 98	146. 31	222. 77	307. 59	730. 65
279	Davis, R., jr	60. 68	144. 86	219. 36	305. 61	730, 51,
280	Sullivan, C. M.	59. 29	144. 37	221. 28	305. 41	730. 35
281	Standley, W. H., jr-	58. 85	148. 78	222. 91	299. 72	730. 26
282	Field, B. H	57. 18	146. 21	220. 94	305. 89	730. 22
283	Tibbitts, F. P.	58. 14	150. 36	227. 95	293. 48	729. 93
284	Eggers, F. B.	61. 65	146. 92	223. 70	297. 64	729. 91
285	Brown, J. G.	59. 47	147. 96	224, 20	298. 15	729. 78
286	Chitwood, J. S.	54. 81	145. 97	222. 44	306. 55	729. 77
287	Hede, A	59. 87	147. 38	224. 90	297. 24	729. 39
288	Stickney, F. R.	54. 89	143. 56	222. 10	308. 77	729. 32
289	Pickens, H. H	58. 64	147. 73	217. 38	305. 47	729. 22
290	Thornton, R. T., jr	55. 33	143. 13	222. 55	307. 88	728. 89
291	Mayer, W. S., jr	57. 31	146. 00	223. 65	301. 68	728. 64
292	Muth, E. G.	66. 32	150. 73	216. 12	295. 33	728. 50
293	Howeth, L. S.	57. 38	144. 24	221. 12	305. 52	728. 26
294	Jordan, J. B.	56. 49	141. 46	219. 59	310. 57	728. 11
295	Mowatt, W. P.	55. 66	146. 06	227. 23	298. 93	727. 88
296	Banks, J. O., jr	60. 20	144 .9	221. 65	300. 60	727. 24
297	Printup, C. A.	57. 40	146. 65	219. 37	303. 77	727. 19
298	O'Keefe, G. F	58. 18	160. 28	215. 44	293. 15	727. 05
299	Hanna, J. R.	55. 82	146. 46	220. 74	303. 73	726. 75
300	Schieke, H. E.	61. 54	151, 25	220. 14	293. 45	726. 38
301	Blackwell, C. L.	56. 39	144. 39	221. 24	304. 15	726. 17
302	Moore, J. G	55. 94	141. 34	223. 38	305. 18	725. 84
303	Wolcott, T	56. 11	143, 62	219. 00	306. 78	725. 51
304	King, S. H.	59. 16	148. 48	219. 43	298. 36	725. 43
305	Reynolds, C. D	57. 51	142. 96	217. 48	307. 40	725. 35
b 306	Turner, R. H.	56. 40	157. 07	221. 84	289. 96	725. 27
307	Coleman, R. I	60. 30	147. 87	217. 47	299. 29	724. 93
308	Ferguson, H. L., jr	61. 28	148. 15	221. 32	294. 18	724. 93
309	Leggett, A. B.	54. 26	142. 67	221. 81	306. 09	724. 83
310	Wright, B. W	59. 23	145. 66	223. 50	295. 56	723. 95
311	Thorington, A. C.	56. 05	139. 89	220. 90	306. 92	723. 76
312	Gardner, R. N.	60. 16	144. 00	219. 27	300. 01	723. 44
SC313	White, P.	57. 15	148. 93	220. 67	296. 20	722. 95
	,	3		-T-51 51 1		

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

				1	1	1
Order of	Names i.	First year	Second	Third year	Fourth year	General aggre- gate for four years
merit						
	Maxima	80	200	300	400	980
314	Fowler, G. B	60. 48	144. 36	216. 73	300. 96	722. 53
315	Scruggs, J. M	57. 31	144. 21	220, 27	300. 68	722. 47
316	Hourihan, J. J.	53. 42	138. 23	219. 47	311. 34	722. 46
317	Simpson, S. D.	58. 32	141. 16	220. 68	302. 15	722. 31
318	Leicht, J.	57. 47	141. 26	218. 71	304, 58	722. 02
319	Kershner, G. F	59. 92	150. 28	220. 84	290. 84	721. 88
320	McGraw, T. M.	59. 74	143. 06	211. 50	306. 09	720, 39
321	Owers, F. D.	58. 76	148. 11	218. 08	295. 18	720. 13
322	Beecher, W. G., jr	57. 97	142. 81	211. 37	307. 72	719. 87
323	Badger, A. J.	56. 64	143. 41	217. 66	302. 07	719. 78
SC324	Kiel, P. J	67. 48	148. 69	211. 33	292. 08	719. 58
325	Silsbee, C. S.	57. 30	142. 15	215. 53	304. 58	719. 56
326	Davidson, W. B.	54. 13	139. 33	213. 68	312. 24	719. 38
. 327	Daniel, T. S.	56. 01	150. 22	222. 94	290. 10	719. 27
328	Carson, J. M.	56. 35	147. 24	229. 08	286. 55	719. 22
329	Ryan, C. M	57. 12	141. 84	221. 38	298. 79	719. 13
330	Johnson, R. C.	62. 10	145. 60	212. 60	297. 23	717. 53
331	Behan, A. C.	56. 91	146. 84	221. 93	291. 51	717. 19
332	Schonland, H. E.	55. 44	150. 84	215. 22	295. 64	717. 13
333					302. 45	717. 14
334	Dearth, H. F	58. 14	140. 54	215. 32		
335	McCall, F. B	61. 60	145. 84	219. 16	289. 67	716. 27
336	O'Hara, J. B.	60. 46	149. 30	216. 66	289. 83	716. 25
	Howard, W. S., jr	52. 88	143. 86	219. 79	299. 66	716. 19
A 336½	Tarbox, G. E., jr	58. 79	142, 38	214. 65	299. 73	715. 55
337	Greenlee, D. G., jr	61. 98	147. 50	214. 92	291. 63	716. 03
338	Loomis, B. B.	57. 33	143. 73	215. 38	298. 94	715. 38
339	Stone, H. L.	59. 92	139. 76	218. 34	296. 38	714. 40
340	Brown, J. B	56. 91	144. 66	218. 50	294. 15	714. 22
341	Chillingworth, C. F.,	* 0 40	1.11.00	015 00	200 00	714 00
240	Jr	58. 40	141. 60	215. 00	299. 08	714. 08
342	Veeder, W. S.	56. 94	139. 06	216. 14	301. 91	714. 05
B343	Mitchell, H	55. 53	144. 04	214. 96	299. 49	714. 02
SC344	Locke, P. G	56. 82	149. 69	218. 57	288. 94	714. 02
345	Nevins, J. H., jr	59. 06	142. 77	216. 23	295. 82	713. 88
s346	Burhans, C. H.	61. 36	149. 00	222. 78	280. 35	713. 49
347	Parker, T. C.	57. 08	142. 76	219. 27	293. 77	712. 88
348	King, G. J.	58. 66	145. 47	222. 84	285. 03	712. 00
b349	Loos, W. M	58. 09	146. 62	215. 62	291. 39	711. 72
350	Wilson, J. E	57. 23	146. 67	219. 56	287. 98	711. 44
351	Gellhorn, G., jr	58. 53	144. 55	212. 27	295. 90	711. 25
352	Moore, A. S	60. 48	143. 14	214. 70	292. 34	710. 66
353	Marshall, H. N.	58. 92	146. 54	214. 57	290. 41	710. 44
354	McFall, E. A.	58. 54	143. 62	213. 24	294. 89	710. 29
s355	Paul, A. C.	54. 81	142. 14	212. 84	300. 48	710. 27
s356	Burton, J. D., jr	54. 82	139. 41	217. 88	298. 09	710. 20

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

	r ·	1	P	1	I	1
Order of merit	Names	First year	Second year	Third year	Fourth year	General aggre- gate for four years
	Maxima	80	200	300	400	980
357	Williams, F. P	54. 44	142. 27	225. 07	288. 33	710. 11
358	FitzGerald, P. H	53. 29	138. 38	217. 98	300. 13	709. 78
359	Krieg, W. B.	53. 40	139. 04	218. 97	297. 97	709. 38
360	Heneberger, H. B	61. 24	142. 40	218. 78	286. 68	709. 10
361	Harris, A. E.	52. 91	142. 79	218. 45	294, 64	708. 79
362	Porter, W. F	62. 67	148. 10	213. 36	284. 18	708. 31
e363	Agnew, W.W., jr	59. 99	143. 85	216. 48	287. 91	708. 23
364	Mensing, R. J. K	56. 43	148. 61	216. 81	286. 11	707. 96
365	Bailey, M. H.	56. 83	142. 65	214. 58	293. 85	707. 91
366	Fowler, T. F.	59. 41	144, 98	216. 87	286. 54	707. 80
367	Florance, J. E	58. 65	139. 48	217. 02	292. 46	707. 61
368	McFarlane, R. N	56. 64	144. 39	218. 68	287. 25	706. 96
369	Hughes, J. G., jr	54. 19	147. 65	218. 38	286. 70	706. 92
370	Swinburne, E. R	58. 68	137. 85	216. 22	293. 63	706. 38
371	McKinney, C. S	58. 30	143. 68	213. 70	290. 68	706. 36
372	Nonweiler, K. H	60. 58	142. 02	211. 34	292. 39	706. 33
373	Gregerson, C. E	58. 56	142. 68	221. 28	283. 64	706. 16
374	MacKinnon, R. MacN_	56. 15	138. 43	213. 72	296. 88	705. 18
375	Petross, L. C.	55. 77	138. 32	210. 81	299. 67	704. 57
376	Delaney, J. F., jr	57. 86	143. 93	216. 36	286. 26	704. 41
377	Drury, M. J.	54. 98	150. 07	212. 45	286. 59	704. 09
378	Thompson, W. K	54. 53	144. 75	215. 20	289. 43	703. 91
379	Quinn, A. R.	56. 47	139. 36	214. 53	292. 40	702. 76
380	MacIntyre, A.	59. 73	142. 52	208. 67	291. 16	702. 08
381	Gordinier, V. F	54. 70	138. 00	209. 00	300. 01	701. 71
382	Brant, E. V.	57. 65	139. 26	218. 00	286. 76	701. 67
383	Johns, J. G.	51. 32	139. 80	217. 15	293. 21	701. 48
384	Sims, G. L	52. 20	141. 07	214. 98	293. 01	701. 26
j385.	Willingham, J. H., jr	53. 24	140. 75	216. 15	290. 75	700. 89
386	Crowley, E. D.	55. 16	136. 75	214. 22	294. 47	700. 60
387	Roberts, David G	53. 01	149. 55	210. 48	286, 91	699. 95
388	McAuliffe, C. L	56. 51	144. 97	211. 94	286. 43	699. 85
389	Thomson, H. P.	53. 69	142. 73	214. 50	288. 56	699. 48
390	Kimes, T. J.	52. 47	142. 94	215. 46	288. 27	699. 14
391	Thompson, A. B.	62. 76	141. 55	212. 72	282. 09	699. 12
392	Lawrence, J. R.	50. 25	150. 58	213. 25	284. 08	698. 16
393	Farrell, A. D. J.	57. 99	142. 27	210. 47	287. 17	697. 90
394	Gill, G. C	52. 43	139. 16	209. 37	296. 62	697. 58
395	Tuzo, P. B., jr	60. 50	138. 82	212. 02	286. 10	697. 44
3951/2	Ransom, R. R.	58. 75	143. 92	211. 46	283. 11	697. 24
e396	Smith, J. McD	54. 51	143. 78	212. 55	286. 37	697. 21
397	West, M. J.	57. 13	136. 66	206. 40	296. 98	697. 17
398	Hickey, T. J	54. 76	142. 74	213. 17	285. 69	696. 36
399	Biggs, G. P	54. 62	139. 60	209. 66	292. 29	696. 17

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

_				,			
	Order of merit	Names	First year	Second year	Third year	Fourth year	General aggre- gate for four years
	pii.	Maxima	80	200	300	400	980
	400	Hank, W. E	55. 69	142. 48	210. 42	287. 43	696. 02
	b401	Allen, R. F	54. 83	140. 42	214. 33	286. 35	695. 93
	402	Lyon, P. H	56. 47	140. 85	211. 11	287. 45	695. 88
	403	Phelan, G. R.	57. 26	143. 22	209. 26	285. 21	694. 95
	404	Sears, N. W.	54. 58	141. 78	210. 45	287. 62	694. 43
	405	Smith, C. L	56. 85	140. 00	210. 59	286. 80	694. 24
	406	de Shazo, J. P.	55. 26	140. 65	208. 96	289. 31	694. 18
	407	Sentman, R. A	53. 98	136. 23	209. 11	294. 10	693. 42
	408	Query, J. V., jr	56. 17	141. 38	213. 60	281. 81	692. 96
	409	Davis, E. J.	57. 49	143. 06	209. 26	282. 74	692. 55
	410	Clyde, P. M.	55. 79	144. 13	207. 11	284. 94	691. 97
	411	Truxall, C. W	53. 31	137. 54	203. 04	297. 86	691. 75
	c412	Matson, R. H	57. 27	144. 45	216. 43	273. 00	691. 15
	413	Jensen, C. M	53. 81	138. 60	211. 65	287. 07	691. 13
	414	Guthrie, R. A	55. 29	138. 14	207. 90	289. 79	691. 12
	s415	Lowrey, S. J.	56. 34	137. 23	208. 02	289. 22	690. 81
	416	McGeoy, T. J.	52. 27	135. 89	211. 21	290. 92	690. 29
	417	May, B. 2d	57.80	141. 34	211. 29	279. 80	690. 23
	s418	Overstreet, G. J	54. 05	136. 88	211. 15	288. 09	690. 17
	419	Ford, W. C.	53. 75	139. 41	205. 62	291. 36	690. 14
	420	Rainer, G. B	53. 22	142. 03	212. 83	281. 90	689. 98
	421	Copping, B. S.	52. 90	139. 81	213. 77	283. 30	689. 78
	422	Love, H. H	55. 15	136. 71	206. 09	291. 79	689. 74
2	C423	Grove, R. L.	55. 31	137. 48	213. 37	283. 42	689. 58
	424	Dreier, D. C.	62. 42	137. 40	206. 60	282. 64	689. 06
	c425	Rosenberg, M	58. 38	144. 87	205. 80	279. 27	688. 32
	426	Sampson, W. B.	53. 90	138. 95	212. 78	282. 58	688. 21
	427	Lewis, John H	56. 73	139. 24	208. 02	284. 18	688. 17
	428	Norman, R. G.	54. 30	143. 49	210. 82	279. 23	687. 84
	429	Lion, P. M., jr	55. 69	139. 81	208. 13	284. 17	687. 80
	430	Kirten, W., jr.	54. 18	138. 75	208. 06	285. 93	686. 92
	431	McShane, J. J.	52. 06	135. 33	210. 20	288. 79	686. 38
	432	Markham, L. M., jr	50. 77	133. 88	208. 36	292. 99	686. 00
	433	Durnell, F. L	53. 45	143. 47	209. 51	279. 48	685. 91
	434 435	Mahoney, G. F.	57. 81	140. 89	206. 31	279. 51	684. 52
	436	Shahan, W. H.	55. 53	137. 28	210. 81	280. 40	684, 02
	437	Reeves, I. S. K., jr	52. 17	133. 44	205. 39	292. 91	683. 91
	e438	Peterson, D. A.	53. 66	140. 69	205. 74	282. 49	682, 58
	e439	Benz, A.J	54. 80 53. 26	138. 25 138. 86	208. 23 207. 31	281. 11 280. 94	682. 39 680. 37
	440	Austin, C. E			207. 31	278. 81	680. 00
	441	Culbert, W.	55. 76 53. 53	136. 61	204. 36	286. 80	679. 08
	s442	Reith, E. V	53. 98	134. 39 135. 00	209. 86	279. 41	678. 25
	443	Fenno, F. W., jr	53. 94	134. 86	207. 46	281. 48	677. 74
	444	Wogan, R. S.	56. 82	139. 01	204. 51	277. 28	677. 62
	111	11 OBan, 11. D	00. 62	109. 01	201. 01	211.20	011.02

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1925), 453 members, of whom 448 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggre- gate for four years
	Maxima	80	200	300	400	980
445	Gaines, R. K	57. 86	137. 47	204. 92	276. 76	677. 01
446	Terry, W. E	52. 71	134. 91	206. 06	282. 55	676. 23
447	Palmer, R. C.	52. 37	139. 28	203. 08	281. 34	676. 07
448	Hammock, J. C	58. 74	135. 01	205. 90	275. 11	674. 76
449	Morrison, J. K., jr	55. 44	135. 16	203. 87	279. 05	673. 52
j450	Culver, I. G	52. 77	135. 00	199. 76	261. 95	649. 48
w	Goetz, C. M	53. 08	140. 80	222. 47	a	a

53023-25†---4

Order of general merit for academic	Names	State from which appointed	Date of admission	Age at of ad sid	mis-	Sea se in pra shi	ctice
year				Years	Months	Months	Days
*34	Adams, Robert Lee	Kentucky	June 25, 1921	19	5	8	13
e389	Agnew, William Walter, jr		June 22, 1921	17	7	11	9
215			July 8, 1921	17	1	8	13
b407	Allen, Rufus Forrest		June 22, 1921	18	11 6	8	13
228 *14	Allgood, Dwight Maurice	North Carolina Texas	June 28, 1921 June 24, 1921	17 16	4	8	13 13
444	Austin, Clanton Earl	Connecticut		20	1	8	13
242	Bacon, Barton Elijah, jr		June 24, 1921	19	8	8	13
283	Badger, Ashby Jenkins		do	17	. 7	8	13
345	Bailey, Max Harrison		June 28, 1921	19	10	8	13
75	Bains, George Washington	Alabama	do	18	2	8	13
293	Banks, James Oliver, jr	At large	Nov. 7, 1921	21	3	8	13
201	Barnhart, Fred Carl	Indiana	June 22, 1921	19	5	8	13
a340	Bataga, Emilio Molina	Philippine Islands.	Aug. 23, 1921	19	3	8	13
156	Beard, Donald Charles	Michigan	June 23, 1921	16	11	8	13
264	Beck, Edward Louis	New York	June 28, 1921	18	9	8	13
232	Beecher, William Gordon, jr Beers, William Henry, jr	Maryland	June 22, 1921	17 18	5 2	8	13 13
136	Behan, Austin Carty	Hawaii Rhode Island	June 24, 1921	18	7	8	13
364 135	Bell, Harman Brown, jr	Pennsylvania		18	4	7	3
*3	Benson, William Howard	West Virginia		19	5	8	13
223	Benson, William Lewis	New York		19	0	8	13
e433	Benz, Alfred Jacob	Kansas		19	7	11	9
360	Biggs, George Prettyman	Missouri	June 25, 1921	18	7	8	13
88	Billing, Fred Chester	New York		18	6	8	13
270	Blackwell, Cecil Llewellyn	Virginia		18	10	8	13
125	Blakeslee, Horace William	At large		18	8	8	13
MC127	Blanchard, John Dean	Wisconsin		19	11	8	13 11
103	Blanche, John Goodman, jr	Louisiana		18 17	9	11 8	20
$127\frac{1}{2}$ 271	Bond, Charles Alonzo			17	3	8	13
399	Brant, Edwin Van		1	19	4	11	00
s180	Brash, Frederick Charles Clinton			17	8	8	13
82	Brennan, John Weston			17	9	8	13
112	Brian, Henry Thomas	At large	do	. 17	0	8	13
210	Briggs, Cameron	Pennsylvania		16	11	8	13
MC119	Brink, Francis Harry			20	2	8 8	13 13
190	Broadbent, John Howard Broadley, Charles Vincent			17	0	8	13
162	Brown, John Brewer	, I'I debbaom debot to a		18	7	8	13
343	Brown, John Gerald			17	5	8	13
314 46	Brown, Thomas Markham	1,11111000000		16	4	8	13
40	Buerkle, Elmer Charles			19	3	8	4
s436	Burhans, Charles Hobart			17	11	8	13
*2	Burkhead, Lingurn Hinde	1		17	4	8	13
b114	Burling, Donald Oscar	Illinois		19	8	.11	11
199	Burrowes, Thomas, jr			16	8	8	13
8315	Burton, John David, jr			18	11	8	13
237	Bush, Donald Aubrey	_ do		18	6	8	1
	0 11 11 70 0 111	1 3 5 1	T 05 1001	10		1 7	1 0
213 e335	Caldwell, Rex SmithCarrington, James Herbert	1		19 19	10	7 11	9

1925)—453 members—for the last year of their academic course

Seamanship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregat fourth year
		1	Ŋ	1 1 1 1 1		<u> </u>]	j T
60 _	72	60	48	64	20	8	68	400
53. 91	57. 86	51.46	42, 11	54, 64	17, 00	6. 96	57.12	341. 0
47. 44	47. 74	40. 40	34. 84	46, 56	14. 25	6, 70	49. 98	287. 9
49.87	54, 82	46. 61	36. 14	46, 24	15. 95	6, 56	53. 38	309. 5
45. 33	50. 02	40. 16	33. 88	42. 96	13. 90	5. 70	54. 40	286. 3
48. 04	56. 58	48.86	37. 53	45. 28	14.00	6.80	* 50.83	307. 9
53.10	62. 68	55. 82	41. 98	53.84	16.90	7. 62	59. 67	351. 6
44.87	47. 60	41.05	34. 73	41.84	15.30	6. 50	46. 92	278.8
48. 65	51, 76	47. 38	36. 17	44. 88	15.60	6. 40	55. 93	306. 7
49. 19	53. 46	44. 83	36. 94	44. 80	16. 25	5. 60	51.00	302.0
47. 56	52. 30	43. 70	34. 12	42. 72	16. 50	6.80	50. 15	293. 8
50. 56	55. 46	52. 31	41. 91	52. 56	17. 10	7. 86	51. 17	328. 9
46. 93	53. 48	42. 28	36. 74	44.80	15. 05	6. 58	54. 74	300.6
46.06	54. 98	47. 13	40. 18	47. 12	16. 05	6. 76	52. 70	310. 9
46. 57	51. 14	41. 69	34. 84	44. 24	15. 45	5. 20	55. 42	294. 5
48, 96	54, 14	47. 51	40. 10	51. 28	14. 40	7. 00	54.74	318. 1
47. 72	52, 32	44, 27	36. 40	43. 76	15. 05	5. 90	59. 33	304. 7
49. 53	52. 70	45, 71	34, 22	43. 44	15. 95	6. 50	59. 67	307. 7
51. 78	55. 38	47. 57	39. 71	46. 24	16. 30	6.72	56. 78	320, 4
46. 57	49. 58	44, 06	36. 85	42, 48	14. 05	5. 90	52. 02	291, 5
49. 39	56. 64	45. 68	37. 43	47. 68	14. 75	6. 90	62. 05	320. 5
55. 45	63. 18	56. 69	45. 31	59. 04	16. 50	7. 20	57. 12	360. 4
50. 59	53. 52	43. 01	37. 56	44. 32	15.40	6. 90	57. 46	308. 7
46. 20	50. 56	41. 64	33. 71	42.08	15.00	6. 36	45. 56	281. 1
46. 31	50. 90	41. 77	33. 70	43. 52	14. 50	6.00	55. 59	292. 2
48. 85	55, 40	48. 31	38. 02	45. 12	15. 50	7. 50	67. 83	326. 5
47. 89	54. 24	46. 19	36. 92	45. 68	15. 05	6. 50	51. 68	304. 1
51. 18	57. 00	49. 86	38. 79	47. 68	15. 80	6. 50	54. 74	321. 5
49. 90	56. 44	45. 71	38. 61	48. 32	16. 60	6. 26	59. 50	321. 3
52. 97	57. 08	47. 85	38. 12	50. 96	15.80	5. 80	55. 25	323. 8
49. 11	55. 56	48. 25	38. 64	46. 64	15. 90	7. 68	59. 50	321. 2
45. 43	52, 82 48, 38	49. 24	36. 47	45. 76	15. 50	7. 10	51. 68	304. 0
45. 57 47. 90	54. 00	40. 06 47. 89	35. 63 40. 25	42. 72 48. 72	14. 15 14. 55	5. 00 6. 26	55. 25 55. 76	286. 70 315. 33
53. 03	59. 62	50. 81	38. 54	49. 60	17. 30	6. 60	51.85	327. 3
50. 86	52. 22	49. 21	37. 84	48. 56	15. 85	7. 76	60. 35	322. 6
47. 64	55, 24	45. 05	38. 36	44. 72	14. 75	6. 46	57. 63	309. 8
51. 61	55. 74	45. 16	40. 32	46. 24	16. 75	7. 90	58. 48	322, 20
51. 22	53. 38	46. 55	38. 13	48. 80	14. 50	6. 60	53. 89	313. 0
50. 19	56. 12	46, 96	39. 03	47. 92	16. 10	6.60	53. 89	316. 83
45. 89	48. 78	40. 51	35. 25	42. 32	15. 55	6.86	58. 99	294. 1.
48. 40	49. 54	45. 38	37. 22	42. 56	16. 30	6. 90	51.85	298. 18
53. 98	63. 48	52. 99	38. 29	50.00	17. 25	6. 40	55. 42	337. 83
50. 87	60. 44	50. 30	41. 24	53. 52	16. 65	5.70	60. 52	339. 24
45. 29	49. 52	41. 94	35. 22	41. 28	14. 05	6.30	46. 75	280. 3
55. 28	64.86	57. 49	44. 92	59. 28	16. 50	7. 36	56. 61	362. 30
50. 65	57. 56	52. 01	38. 85	49. 20	16. 55	4.86	52. 87	322. 5
49. 01	53. 88	47. 82	37. 23	42. 24	14. 75	5. 56	61. 10	311. 5
47. 78	51. 02	44. 87	34. 08	47. 12	13. 75	6. 26	53. 21	298. 09
47. 60	55. 54	45. 79	36. 01	47. 04	13. 85	7. 20	54. 40	307. 43
47. 72	52.88	45. 65	36. 99	43. 28	15. 85	6. 50	60. 76	309. 63
48. 59	48. 32	43. 14	35. 42	44. 48	15. 70	6. 16	53. 55	295. 36
44. 67	50. 22	43. 31	34. 81	44. 00	14. 05	5. 00	50. 49	286.

	1	1					- 5
Orde of genera meri for aca	l Names	State from which appointed	Date of admission	Age at of ad sid	mis-	in pra	ervice actice ips
demi year				Years	Months	Months	Days
244 9. 133 9. 30. 24. 22. 14. 335 26. 24. 41. 17. 30. 42. 12. 12. 13. 37. 34. 39. 44. 41. 39. 41. 39. 41. 39. 41. 39. 41. 39. 41. 41. 41. 41. 41. 41. 41. 41. 41. 41	Champlin, Jackson Selover Charles, Roland Wilbur. Charlson, John Adolph, jr. Chillingworth, Charles Frederick, jr. Chillingworth, Charles Frederick, jr. Chillingworth, Charles Frederick, jr. Chillingworth, Charles Frederick, jr. Chikwood, John Stephen. Christensen, Waldeman Nichlous. Clark, Jeane R. Clark, Perley Messer. Clark, Robert Stewart Cleland, John Belton, jr. Clyde, Paul Moore. Colborn, William Brewster. Coleman, Robert Irvine. Collins, Clifford Joseph. Compton, Philip Dow. Copping, Bennett Smith. Cowie, Terrence Ritchie. Cox, Glenn McCoy. Creasor, Philip Swanton. Criddle, Clement Robert. Crommelin, Henry. Cronin, Robert Emmet. Crosley, Paul Cunningham. Crowley, Edward Dupuis. Culbert, William. Culver, Ira Guy- Dahlke, Homer Oscar. Daniel, Tillett Sharpe. Davidson, Walter Bunn. Davis, Richard, jr. Dawson, Kenneth Vernon. Day, De Vere Lester.	Virginia Oklahoma Missouri California Michigan Missouri Indiana Nebraska Iowa Michigan South Carolina do Ohio New Jersey Oklahoma North Dakota Missouri Washington Wisconsin Alabama Illinois do Nebraska Tennessee Iowa Ohio Kansas New York North Carolina Maryland Michigan Montana Mentucky	July 26, 1921 June 48, 1921 Aug. 30, 1921 June 24, 1921 July 9, 1921 Sept. 17, 1921 June 25, 1921 June 26, 1921 May 27, 1921 Aug. 26, 1921 June 28, 1921 June 29, 1921 June 20, 1921 June 21, 1921 June 24, 1921 June 28, 1921 June 29, 1921 June 28, 1921 June 27, 1921 June 28, 1921 June 27, 1921 June 27, 1921 June 28, 1921 June 27, 1921 June 28, 1921	19 16 19 17 18 17 17 19 19 18 18 18 18 18 18 18 19 19 19 17 17 17 17 17 17 17 18 18 17 17 17 19 19 19 19 19 19 19 19 19 19 19 19 19	4 6 6 10 3 4 6 6 11 4 10 11 1 3 3 3 2 9 10 1 1 3 7 7 9 0 0 6 2 2 11 0 0 8 8 6 6 7 0 0 0 2 2 11 9	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	13 13 13 13 13 13 13 13 13 13 13 13 13 1
290 271 403 388 144 5 C 3 33 422 400 322 166 433 4 122 *22	Dearth, Harold Fletcher Delaney, John Francis, jr de Shazo, Jack Perry Dillavou, Claude Arthur Dowden, James Page Dreier, David Collin Drury, Martin Joseph Dufek, George John Dunlop, Malcolm Glaister Durnell, Frank Lenox Dyer, Robert Lawton Eaton, William Adams Edmundson, Edward Harold	Kentucky Wisconsin Massachusetts Alabama Iowa Virginia Wisconsin Rhode Island Illinois Minnesota Ohio Washington Kansas Oregon New Jersey	July 22, 1921 June 28, 1921 June 25, 1921 June 23, 1921 July 30, 1921 July 26, 1921 May 27, 1921 June 10, 1920 Aug. 16, 1921 June 23, 1921 Aug. 12, 1920 June 28, 1921 July 21, 1921 July 21, 1921 July 21, 1921 June 23, 1921	19 19 16 20 17 18 19 18 18 17 19 19 17 18	6 8 10 2 5 4 10 9 6 6 7 6 4 1	8 8 8 8 8 11 8 8 8 8 8	13 13 13 13 13 13 11 20 13 13 13 13 13 13 13 13 13 13 13 13 13
6: 13: 39: 22:	Elliott, Richard English	North Carolina Pennsylvania New York Nevada	June 23, 1921 July 26, 1921 July 12, 1921 June 25, 1921	18 18 17 18	5 0 5 1	8 8 8	13 13 13 13

453 members—for the last year of their academic course—Continued

Seamanship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregate fourth year
			7	1aximum				
60	72	60	48	64	20	8	68	4000
48. 37	51. 64	43. 20	35. 78	46.96	15. 80	7. 50	57. 12	306, 3
49. 16	58. 88	51. 38	40. 65	49. 20	16.30	7.30	51. 51	324. 38
49. 29	58. 62	47. 20	39. 90	45. 76	15. 15	7.10	57.46	320. 4
48. 43	53. 96	50. 47	37. 87	47. 68	15. 15	5. 46	65. 79	324.8
48. 04	49. 70	42.67	34. 88	43. 68	14.00	7. 46	58. 65	299. 08
49.02	55. 26	48. 51	35. 84	43. 76	14.40	7.06	52. 70	306. 5
48. 60	52. 12	44. 44	38. 16	44. 08	15. 60	6. 16	59. 33	308. 49
50. 57	54. 86	49. 78	41. 63	48.32	15.05	6. 40	52. 36	318. 97
43.81	49. 98	41. 73	36. 36	44.96-	13. 70	4. 50	58. 14	293. 18
46. 29	54.00	41. 82	38. 35	47. 20	13. 70	5. 00	58. 14	304. 50
51.90	52.74	43. 31	38. 90	45. 12	14.80	7. 10	52. 87	306. 74
43. 50	49. 98	43. 08	36. 12	43. 44	12. 95	6. 40	49. 47	284. 94
47. 47	55. 38	51. 02	37. 01	45. 76	15. 80	7. 30	56. 10	315. 84
46. 79	48. 00	45. 91	33. 44	43. 76	15. 50	5. 20	60. 69	299. 29
53. 73	64.06	56. 40	44. 83	57. 60	16. 05	6. 40	58. 14	357. 21
50. 71	57. 56	48. 32	39. 79	50. 64	15. 05	6.60	60. 76	329. 43
45. 72 51. 93	47. 96	41. 46 44. 25	32. 98	41. 84	14.60	5. 70	53. 04	283. 30
48. 65	55. 76 54. 02	44. 25	39. 94	46. 00 47. 05	17. 35	6, 70	60. 18	322, 11
51. 91	60. 86	54. 00	38. 45 42. 57	55. 60	14. 80 14. 20	6. 78 7. 20	59. 84 54. 40	315, 22 340, 74
50. 57	55. 42	51. 57	37. 35	46. 64	15. 10	6.60	57. 12	320. 37
53. 37	63. 08	53. 56	42. 76	53. 12	16. 95	7. 40	63. 75	353. 99
52. 04	56.04	47. 15	40, 67	51. 44	15. 70	7. 36	56-61	327. 01
48. 53	49. 96	41. 71	33. 46	41. 92	15. 60	4. 26	54. 74	290. 18
46. 92	50. 16	43. 49	37. 67	44. 48	13. 55	6. 86	51. 34	294. 47
45. 36	49. 16	41. 95	33. 70	42. 24	14. 30	7. 56	52. 53	286. 80
40. 87	47. 74	39. 67	32, 12	41. 28	14.60	6. 40	39. 27	261. 95
51. 25	55. 94	47. 89	40. 12	45. 76	17. 65	6. 36	56. 27	321, 24
47. 09	51.08	45. 06	33. 26	43. 52	13. 55	6. 90	49. 64	290. 10
48. 83	56. 46	46. 33	38. 38	45.36	15. 65	6. 66	54. 57	312, 24
45. 35	47. 94	42, 24	33. 78	42. 56	14. 65	7. 60	48. 62	282. 74
48. 32	54. 08	45. 72	37. 42	45. 68	14.00	5.82	54. 57	305. 6E
51. 24	56. 62	47. 82	39. 04	47. 68	15. 90	6. 82	57. 97	323. 09
52. 44	57. 02	49. 48	37. 95	46. 64	16.40	7. 16	63. 14	330. 23
46. 71	52. 56	44. 17	34.00	42. 64	15. 85	7. 46	57. 80	301. 19
49. 35 46. 97	51, 32 51, 34	44. 88 43. 76	36. 17	46. 56	14. 15	4.60	55. 42 48. 2 8	302, 45
44. 07	49. 60	40. 51	32. 83 33. 11	42. 08 41. 76	15. 00	6. 00 5. 00	61. 71	286, 26 289, 31
49. 55	54.60	48. 75	37. 47	45. 36	13. 55 14. 30	6. 96	62. 39	319. 38
48. 54	49. 80	45. 47	36. 06	44. 24	14.65	4. 16	52. 70	295. 62
43. 06	45. 88	42. 88	30. 95	41. 92	16. 05	5. 46	56. 44	282. 64
46. 13	51. 44	40. 56	33. 34	42, 24	14. 10	6. 76	52. 02	286. 59
49. 98	52.86	45. 94	37. 35	42.08	14. 65	5. 80	48. 28	296. 94
50. 43	56. 54	49. 44	39. 84	49. 92	16. 05	5. 00	49. 30	316, 52
43. 22	48. 86	41. 05	32. 21	41. 52	13. 05	5. 00	54. 57	279. 48
51.86	58. 46	52. 65	39.82	49.76	15.75	7.42	63. 41	339. 13
49. 43	55, 72	52. 47	36. 63	48. 88	16.45	6.46	55. 42	321. 46
53. 17	58. 80	48. 17	42. 56	52. 40	16.05	6.60	67. 66	345. 41
46. 66	53. 16	46. 04	36. 02	44, 00	15. 70	3. 70	52. 36	297. 64
52. 43	58. 32	52, 71	39. 96	47. 44	19. 05	7.06	56. 61	333. 58
51. 25	52. 20	51.66	37.73	47. 92	16. 55	6, 20	56. 78	320. 29
45. 47	51.42	40. 27	36.72	42.72	13.70	6, 38	50. 49	287.17
49.89	53. 32	44. 24	37.44	48. 08	16. 10	5.40	54. 23	308.70

Order of general merit	Names	State from which appointed	Date of admission	Age at of adm	nis-	Sea se in pra shi	ctice
for aca- demic year				Years	Months	Months	Days
431 342 251 295 356 \$262 366 291 404 299 446 160 297 330 186 97 326 142 w *31 77 *21 235 297 MC169 147 303 161 363 420 194 *4 *SC421 377 *2 \$2 \$4 *4 *4 *4 *4 *4 *4 *4 *4 *4 *	Fenno, Frank Wesley, jr Ferguson, Harry Lee, jr Field, Brenton Holbrook FitzGerald, Phillip Henry Florance, John Edwards Foose, Robert Paul Ford, Walter Chileott Fowler, George Bingham Fowler, Thompson Fletcher French, John Fitz-Hugh Gaines, Richard Kenna Gallery, William Onahan Gardner, Robert Neal Gellhorn, George, jr Gibbs, Robert Henry Gibson, Persifor Frazer, jr Gill, Graham Chaffin Gingras, Richard Hermus Goetz, Charles Moran Goddenson, David Goodwin, Ernest Sidney Lewis Goodwin, John Frohock Goodwin, John Frohock Goulett, Wilfred Bradley Granham, William Walter, jr Graubart, Arthur Harrison Greenlee, David Glass, jr Gregerson, Clarence Edward Griffin, John Hook Grimes, Clifton Garvin Grove, Robert Lee Guthrie, Richard Allen Hamilton, Rayburn Mathew Hammond, Stephen Alexander, jr	Ohio New York	June 22, 1921 July 8, 1921 June 24, 1921 June 28, 1921 July 8, 1921 June 25, 1921 June 25, 1921 June 23, 1921 June 24, 1921 June 23, 1921 June 24, 1921 June 25, 1921 June 27, 1921 June 28, 1921 June 29, 1921 June 29, 1921 June 21, 1921 June 22, 1921 June 24, 1921 June 24, 1921 June 24, 1921 June 24, 1921 June 27, 1921 June 24, 1921 June 27, 1921	18 18 18 18 18 17 18 19 18 19 16 16 16 16 16 18 18 19 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	9 7 11 11 14 6 8 8 2 10 9 0 0 0 2 6 10 0 9 2 1 1 1 1 1 5 1 8 8 8 4 4 4 7 8 8 8 8 8 8 8 8 4 8 8 8 8	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	13 4 13 13 13 13 13 13 13 13 13 13
392 274 72 *38 339 MC*27	Hank, William Edwin Hanna, James Ritchey Harcourt, Staton Hinde Harlow, James Bradford Harris, Andrew Earl Harris, Harold Douglas	Virginia	June 28, 1921 July 13, 1921 June 24, 1921 June 25, 1921 June 21, 1920 June 22, 1921	18 18 16 16 19 18	9 7 10 11 6 5	8 8 8 8 8	13 13 13 13 20 13
MC202 56 157 299 €307 321 183 401 412	Hart, John Neely Hartzell, Paul Appel Haugen, Clarence Edward Haviland, James William, 3d Headden, William Ramon Hede, Adolph Henderson, Harry Havelock Heneberger, Harry Bailey Hickey, Thomas Joseph	Pennsylvania Iowa New York Tennessee New York Massachusetts do	June 24, 1921 June 23, 1921 July 8, 1921 June 23, 1921 June 25, 1921 July 6, 1921 Sept. 1, 1921 July 8, 1921 June 25, 1921	18 . 18 . 17 . 16 . 19 . 17 . 16 . 18 . 19	6 2 10 8 7 7 11 0 4	8 8 8 8 11 8 8 8	13 13 13 13 9 2 13 13 13

453 members—for the last year of their academic course—Continued

,								
Seamanshi	p Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregate fourth year
			N	Iaximum				
'co	~	- 0	40	-	90		60	400
60	72	60	48	64	20	8	68	400
44. 34	49.06	39. 25	34. 22	41. 68	13. 40	6.66	52, 87	281. 48
47. 57	50. 22	40.70	34. 18	41.92	13. 55	5. 86	60. 18	294. 18
49.40	50.00	47.09	34. 22	44. 56	14. 25	6.70	59. 67	305. 89
50. 27	49. 56	42, 51	37. 43	44.80	14. 20	6. 96	54.40	300. 13
46.56	50. 54	45. 31	35, 96	46. 24	14. 55	5. 70	• 47.60	292.46
48. 57	53.04	40. 95	38. 60	44.48	16.60	6. 30	56.44	304. 98
45. 78	49. 52	41. 72	34. 60	42.00	14.45	6.00	57. 29	291.36
49.33		41. 73	34. 22	41. 52	17. 50	7. 56	58. 14	300.96
45. 88		42. 24	36. 47	44.00	14. 45	6.36	47. 60	286. 54
48. 71		50. 74	37. 46	44.48	14. 50	5. 10	48. 28	301. 67
44. 33		39.03	32. 99	44.00	13.45	6.62	47. 94	276.76
50.38		45. 26	38. 26	48. 64	15.65	7. 82	60. 35	316. 94
48, 23		46.64	36.08	43.84	14. 55	6.30	52. 53	300.01
46. 50		45.49	33. 26	44. 24	14.75	6. 10	52. 70	295. 90
49.60	1	50.75	37. 27	43. 12	15. 70	7. 76	55. 25	314. 03
52. 15		49. 91	36. 02	47.12	16. 90	7.00	55, 25 63, 82	319. 09 324. 44
48. 97 44. 72		49: 15 40, 65	40.36	47. 92 43. 04	14. 00 13. 60	7. 30 7. 86	60.76	296. 62
51. 68		46. 99	36. 63 39. 70	47.44	15. 25	7. 16	54. 91	319.51
A	A A	A A	A .	A. 41	A	A . 10	60. 52	A A
54. 14	1	55, 39	39. 95	50. 96	17. 65	6. 90	55. 25	342. 20
51, 17		46. 91	38. 31	50. 24	15. 65	6. 90	61.71	327. 85
53, 56	1	56. 18	42. 31	53, 28	15. 55	6. 26	56. 61	346. 45
48. 24		43.80	39. 14	45.04	16. 45	6, 30	54. 74	307. 59
46. 33		40. 68	36. 61	43. 84	14.75	6.34	59. 50	300.01
52.64		44.08	40.60	46.40	15. 00	5. 96	56. 61	316. 51
50. 68		46.82	36. 82	45. 20	17. 25	7.86	58. 99	318.98
46. 77		45. 50	35. 93	44.88	14. 85	7.36	53.04	299.65
51. 13		46. 96	36.75	46.32	16. 55	7.36	55. 08	316. 91
46.88	51. 10	40.38	36. 61	43.44	14.70	5.48	53.04	291.63
45. 12	48. 42	42.83	34. 15	41.36	14.90	6. 20	50.66	283. 64
-51. 33	52. 70	42. 50	39. 11	45.76	14.65	6.70	59. 67	312. 42
54. 29	63. 40	50. 62	44. 15	57. 04	17.55	6. 60	65.45	359. 10
45. 17		44. 81	32. 20	41.44	13. 55	5. 24	51.85	283.42
48. 39		41. 40	33. 77	42.96	15. 60	4. 64	54. 23	289. 79
46. 70		42.35	36.37	50.08	15, 10	6.00	57. 97	305. 37
45. 94		38, 41	33. 25	41.36	14, 60	5. 90	47. 09	275. 11
48. 27		49.08	38.06	54. 80	13. 75	7. 20	58. 14	322.18
46, 25	1 3	42.33	33.48	42.08	15. 15	7. 20 5. 20	50. 66	287.43
46. 13 51. 95		47. 60 50. 92	34. 28 38. 69	44. 00 50. 40	14. 85 16. 25	6.70	55, 25 55, 59	303. 73 330. 36
52. 00	A STATE OF THE PARTY OF THE PAR	50. 92	38. 69	52.00	15.85	5.00	61. 78	340. 21
47. 50		44. 37	34. 14	43.60	14. 90	7.20	53. 21	294. 64
54. 36			40.79	52.80	17.05	6.00	63. 58	343. 99
48.66		46. 01	35. 83	45.44	16. 15	7.00	55.76	310. 93
54. 82		49. 93	42.69	46. 56	17.30	5. 60	55.76	336.02
51. 84		51. 23	37. 88	45. 68	16.00	6. 70	51.85	317.64
48. 53		42.76	34. 64	42.16	16, 90	5.70	54. 23	299. 78
48, 10		47.72	36. 96	43.04	14.75	5. 80	50.66	299.41
45, 46	54. 90	42.75	34. 17	41.44	15. 65	6. 60	56. 27	297. 24
47. 99		45. 61	35, 39	44. 24	15, 15	7.90	65. 01	314. 97
47. 10		39. 03	35. 06	42, 80	14. 65	5. 00	53. 04	286, 68
45. 26	47.74	46. 08	34. 76	42.96	15. 50	5. 62	47.77	285, 69

Order of general merit for aca-	Names	State from which appointed	Date of admission	Age a of ad sic	mis-	Sea se in pra shi	ctice
demic year				Years	Months	Months	Days
287 173 52 165 220 MC184 *33 200 92 302 255 *1 400 149 228 132 89 275 395 350 322 174 *100 251 179 109 8C361 386 187 414 313 316	Hicks, James M Hirst, George Chaloner, jr Hoag, Leslie Farmer Hobbs, Ira Earl Hoffner, Carleton Crosby Hogaboom, Robert Edward Hord, Paul Whitefield Hourihan, John Joseph Howard, William Baker, jr Howard, William Stamps, jr Howeth, Linwood Sylvester Howlett, Kirby Smith, jr Hubbard, Harry Ensor Hughes, John Gress, jr Hull, David Ryerson Hurd, Kenneth Charles Hurt, David Albert Jackson, Alexander, jr Jarrell, Albert Edmondson Jensen, Clyde Marcus Johnson, Hoedore Woolsey, jr Johnson, Reginald Clarence Johnson, Warren Whitney Johnson, Warren Whitney Jordan, Julian Bethune Karns, Franklin D., jr. Kelley, Bruce Draper Kershner, George Francis Kiel, Paul John Kimes, Thomas Joseph Kimg, George Joseph Kimzey, Ralph Philbrook King, George Joseph King, Shane Hastings Kirten, William, jr Kivette, Frederick Norman Knowles, James Patrick Kramer, Alwin Dalton Krieg, William Benjamin	Minnesota At large Minnesota New York Georgia At large. Washington West Virginia Texas Arkansas Oklahoma Maryland Missouri Arkansas	June 28, 1921 June 25, 1921 July 19, 1921 Aug. 2, 1921 June 23, 1921 June 23, 1921 June 23, 1921 June 28, 1921 June 27, 1921 June 27, 1921 June 27, 1921 June 23, 1921 June 28, 1921 June 27, 1921 June 28, 1921 June 29, 1921 June 28, 1921	18 18 18 19 19 18 16 17 17 19 16 17 19 18 17 19 19 17 18	4 3 7 6 111 7 7 7 8 8 7 9 9 4 10 10 10 10 10 6 1 13 111 5 5 7 7 5 6 8 8 2 0 0 6 10 0 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 1 4 13 13 13 13 13 13 13 13 13 13 13 13 13
205 221 *11 223 197 76 188	Laffan, John James Lambrecht, John Osgood Landers, Wilbur Nelson Lankford, Creighton Kirby Lanston, Aubrey Gilpin Larkin, Richard Alexander Larson, Harold Oscar Latrobe, William Cleiborne	Illinois	June 23, 1921 June 25, 1921 Sept. 1, 1921 	19 18 19 18 18 17 18 18	2 5 7 11 6 6 0 6	8 8 8 8 8	13 13 13 13 13 13 13 13
77 419 277 276 248 265 43	Latrobe, William Claiborne. Lawrence, John Robertson Leahey, George Aloysius, jr Lee, Eugene Stone Leggett, Aubrey Bartram Leicht, Joseph Lent, Willis Ashford	Oklahoma		18 18 18 16 19 18 17	9 1 4 10 5 6	11 11 8 7 8 8	11 11 13 14 13 13

453 members—for the last year of their academic course—Continued

Seamanship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregat fourth year
		1	N	Iaximum			I	7-
60	72	60	48	64	20	. 8	68	400
46, 97	49. 96	43. 72	35, 78	44, 40	13, 85	7, 08	60, 01	301. 7
49. 92	54. 40	46. 15	39, 48	45. 44	16. 30	7. 90	56. 61	316. 2
52, 52	60. 12	48.66	42, 01	54, 24	16. 25	5. 60	57. 12	336.
50. 29	54. 60	42.78	38. 22	48. 24	15.60	6, 60	60. 35	316.
47. 36	54, 22	46. 65	36. 35	45. 36	14. 45	6. 00	58. 48	308.
49. 25	53.86	46. 56	39. 43	46.96	14. 55	6. 56	57. 46	314.
52.73	60. 24	52, 69	42.09	54. 48	17. 15	7.32	55. 08	341.
49. 77	55. 34	48. 59	35. 37	45.84	17. 45	6.96	52. 02	311.
51.06	58. 98	50. 53	39. 15	51.28	15. 50	7. 40	51, 34	325.
47. 34	51. 42	43. 10	33. 63	44, 72	16. 55	6, 46	56. 44	299.
47. 11	51. 50	46. 23	36. 70	44. 32	15. 45	7. 60	56. 61	305.
55. 97	65. 40	56. 73	44, 85	57. 60	17. 35	6, 70	54, 40	359.
56, 52	66. 94	56. 83	44. 89	58. 64	18, 20	7. 10	60. 76	369.
47. 57	49. 30	41. 45	36. 65	42, 64	13. 75	5. 70	49. 64	286.
49. 06	56. 62	51. 02	38. 01	50. 72	14. 40	6. 60	52. 36	318.
48. 79	53. 94	45. 43	37. 43	45, 60	14. 35	5. 60	56. 78	307.
50.71	57. 30	46. 29	37. 56	49. 76	15. 45	5. 30	58. 48	320.
48, 42	55. 02	52, 57	40. 41	49. 28	15. 20	7. 76	57. 46	326.
48. 58 44. 60	52, 40 48, 50	45, 88 43, 99	34. 33 35. 84	45. 44 41. 52	15. 80	5. 80	55. 42	303.
45. 60	50. 16	44. 07	35. 01	48, 40	13. 15 12, 95	4. 80 5. 00	54. 67 52. 02	287. 293.
49. 81	52. 84	43. 35	35. 69	43. 92	13. 80	6. 82	51.00	293.
49. 98	57. 56	47. 67	41. 28	45. 52	14. 55	7. 26	52, 02	315.
51. 10	54. 68	48. 20	39. 87	51, 84	15. 35	6. 70	56. 44	324.
46. 68	52, 20	45. 42	36. 60	45. 12	14. 35	6. 70	58. 82	305.
52. 77	50. 74	47. 44	39. 33	44. 72	15. 70	7, 00	52, 87	310.
49. 50	54.06	46.71	37. 34	46. 48	15. 35	7. 50	58. 48	315.
48. 45	52. 84	49. 93	39. 26	46. 16	14. 65	7. 12	64. 43	322.
43. 34	50.00	44. 20	35. 55	43. 52	12. 90	5. 40	55. 93	290.
45. 84	51. 88	42. 35	33. 66	44. 48	16. 30	6.06	51. 51	292.
46. 41	51. 72	41. 82	32. 86	42. 64	13. 25	5. 00	54, 57	288.
48, 29	53. 46	45. 37	36. 91	44. 72	16. 45	5. 96	62. 73	313.
43. 19	48. 26	40. 89	35. 72	41. 76	13. 40	5, 20	56, 61	285.
46, 08	49. 54	42, 32	35. 14	45, 52	14. 60	6.00	59. 16	298.
47. 49	47. 80	42. 09	35. 55	42.64	13. 85	5.00	51. 51	285.
50. 12	59. 62	49. 80	39, 62	44, 24	15. 05	6. 70	50. 32	315.
50. 84	57. 76	45. 94	41, 18	47. 04	14. 35	6.30	57. 63	321.
49. 70	56. 48	51. 16	39. 86	46. 64	15, 00	6, 82	52. 87	318.
48. 15 50. 99	53. 84 55. 90	41. 66 43. 18	36. 16	44. 64 44. 16	15. 40 14. 90	6. 10	52.02	297.
49, 42	53. 90	43. 18	39. 08 38. 07	48. 00	14. 30	6. 20 5. 26	56. 10 54. 91	310.
53. 13	64. 36	55, 92	42.00	55. 36	18, 00	6.06	58. 48	353.
48. 46	51. 46	48. 58	35. 04	43. 68	15. 10	6. 60	59. 84	308.
50. 32	54, 92	49, 05	37. 58	46. 08	16.00	6. 92	51. 34	312
49. 87	58. 60	48. 07	42. 41	54, 48	15. 65	7. 06	52, 70	328.
50. 55	56. 18	51. 14	36. 81	45. 36	14. 75	6. 16	52. 87	313.
49. 20	54. 30	47. 31	40. 51	49. 52	16. 30	7. 74	62. 97	327.
47. 71	49. 76	43. 09	33. 18	41.04	12, 80	7. 20	49. 30	284.
49. 29	48. 96	39. 67	36. 66	41. 68	15. 45	7. 40	63. 82	302.
48. 56	53. 00	46. 49	37. 67	45. 68	13. 10	5. 80	53. 21	303.
48. 63	53, 22	43. 55	36. 82	47. 84	13. 90	6. 20	55. 93	306.
47. 80	54. 24	42. 76	40. 15	46. 40	16. 70	7. 40	49. 13	304.
52, 14	60. 26	52. 05	40. 34	52. 48	16. 70	7. 76	57. 12	338.

		-,		Age a	t date		ervice
Order				Sie		sh	actice ips
general merit	Names	State from which	Date of				
for aca-	TVMINOS	appointed	admission				
demic year					κį	20	
				ırs	nth	ntb	SA
				Years	Months	Months	Days
232	Lester, Thelman	Oklahoma	Aug. 2, 1921	17	4	8	13
417	Lewis, John Hampden	Louisiana	June 24, 1921	19	11	7	20
101	Lind, William George Hercules	New Jersey	June 23, 1921	18	5	8	13
418 SC 382	Lion, Paul Miller, jr Locke, Preston Grant	Idaho	June 22, 1921	17	7	8	13
66	Long, John Harvey	Wyoming Mississippi	Aug. 26, 1921 June 29, 1921	18 18	8	8	13 13
*25	Long, Victor Dismukes	do	June 25, 1921	16	11	8	13
310	Loomis, Byroft Benjamin	Indiana	May 31, 1921	18	11	11	11
47	Loomis, Frederick Kent	West Virginia	June 24; 1921	17	1	8	13
b365	Loos, Wallace Mead	Pennsylvania	June 14, 1920	17	9	8	20
362 \$381	Love, Henry Hamilton	Tennessee	July 13, 1921	17	6	8	2
214	Ludewig, Joseph William	Mississippi District of Co-	June 23, 1921 June 29, 1921	19 17	11	8	13
1.5	Eugewig, Joseph William	lumbia.	0 4110 20, 1021		1		-
s105	Luke, Raymond Henry	New York	June 23, 1921	18	1	8	13
131	Lyon, Harry Nelson	Utah	June 29,1921	18	0	8	13
391	Lyon, Percy Haverly	Iowa	June 22, 1921	19	2	8	13
327 367	Lyons, Raymond Richard	New York	June 23, 1921	18	6	8	13
325	MacIntyre, Alexander	New Jersey Iowa	May 27, 1921 June 22, 1921	19 18	1 10	11 8	11 13
*26	Madsen, Harold Vester Broe	California	do	18	5	8	13
438	Mahoney, George Francis	Rhode Island	June 28, 1921	18	1	8	2
278	Malone, Clyde Francis	Ohio	June 23, 1921	18	7	8	13
203	Mann, Everett Edward	Texas	Sept. 8, 1921	19	5	8	13
354 372	Markham, Lewis Merrill, jr Marshall, Harvey Nixon	Colorado Rhode Island	July 13, 1921 June 28, 1921	17 20	8	8 8	13
*13	Marshall, William Jefferson	Kentucky	June 22, 1921	18	4	8	13
*16	Mason, Redfield	Indiana	Aug. 23, 1921	17	1	8	13
c448	Matson, Rosser Holloway	Minnesota	Sept. 1, 1921	18	2	11	9
437	May, Benjamin, 2d.	Rhode Island	June 28, 1921	19	0	8	13
288 70	Mayer, Walter Scott, jr	New York	July 20, 1921	19	0	8	13
405	McAdam, Sherry Thomas, jr McAuliffe, Clifford Leo	Florida Mississippi	June 22, 1921 June 24, 1921	17 18	7	8	13 13
378	McCall, Francis Bayard	Idaho	do	19	11	8	13
64	McDaniel, Charles DeMotte	Illinois	June 22, 1921	17	3	8	13
338	McFall, Edward Alspaugh	Idaho	June 28, 1921	19	4	8	13
393 368	McFarlane, Robert Norton	Arkansas	June 24, 1921	19	1	8	13
*20	McGeoy, Thomas James McGirr, William Philip	Mississippi Massachusetts	Aug. 16, 1921 Aug. 24, 1921	17 19	11 7	8 8	13 13
216	McGown, Monroe Young, jr.	Maine	June 25, 1921	17	4	7	14
248	McGraw, Thomas Marion	Arizona	May 27, 1921	19	8	11	11
371	McKinney, Charles Schuman	Ohio	July 8, 1921	19	1	8	13
*29	McMurtrey, Thomas Bradford.	Missouri	July 26, 1921	18	4	8	13
106 155	McNally, James Anthony McNulta, Herbert, jr	Massachusetts	June 25, 1921	18	0	8	13
383	McShane, Julian Johns	Illinois Maryland		17 18	10 11	8	13 13
63	Melgaard, John Leslie	Minnesota	June 23, 1921	18	6	8	13
409	Mensing, Robert Julius Klaus	Oregon	Aug. 2, 1920	19	0	8	20
158	Messmer, William LeRoy	Michigan	June 25, 1921	18	4	8	13
182	Miller, Charles Frank	New York	July 14, 1921	18	8	8	13
172 151	Miller, Harry Fanker Miller, James Mason	Pennsylvania Connecticut	Aug. 24, 1921 June 24, 1921	18 18	8 2	8 8	13
239	Miller, John Mendelssohn			19	10	11	13 11
			= 1, 1021	10	10 1	11 1	

453 members—for the last year of their academic course—Continued

Seamanship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregat fourth year
		1	I.	Iaximum		!	J	1
60	72	60	48	64	20	8	68	400
49, 84	52. 44	48. 99	37. 31	46. 72	13. 95	5. 60	52, 87	307, 7
43. 95	49. 18	41.03	34. 73	42.16	15. 35	6. 10	51. 68	284, 1
51. 24	54. 08	47. 58	37.98	46. 24	17. 80	6, 36	62, 73	324.0
49. 46	49. 58	40. 17	34. 07	40. 64	13. 50	6.60	50. 15	284. 1
46. 29	49, 52	39. 70	34. 58	43, 60	13. 35	5. 80	56. 10	288. 9
52. 12	58. 30	48. 82	40. 54	50. 88	16.00	7, 40	57. 80	331. 8
54, 83	63. 42	52. 10	41. 90	50.72	16, 85	7. 00	57.46	344. 2
47. 48	48, 52	41, 01	35. 24	44, 08	14. 20	6. 70	61.71	298. 9
53. 25	58. 56	53.70	41.90	52.32	16, 50	7. 10	54. 40	337. 7
47. 61	52, 78	37.99	35. 76	40.00	16. 20	7. 50	53. 55	291. 3
48. 66	48. 88	45. 87	34, 36	41, 92	14, 45	5. 80	51.85	291. 7
46, 50	46. 34	40. 76	32, 07	42.40	15. 30	6.86	58. 99	289. 2
47. 36	55. 22	42. 50	36. 35	46. 32	13. 95	6. 20	61. 71	309.
52, 42	58. 24	47. 83	41. 21	49, 60	16. 85	6. 50	51.00	323.
48. 04	52. 08	46. 47	38.07	46. 16	17. 65	6.40	66. 03	320.9
47. 63	48. 78	42.87	35. 32	44.00	14. 50	4.54	49. 81	287.
49. 14	50. 64	43. 91	35.76	41. 36	15. 85	7. 90	52. 02	296.
44. 20	49. 78	41.80	36. 26	45. 52	13. 80	7. 10	52. 70	291.
48. 41	50.80	43.31	34, 34	40. 48	15.35	6. 90	57. 29	296.
54, 88	64. 38	50. 17	42. 16	- 53. 84	17.70	7. 50	53. 55	344.
44. 27	48. 76	40. 14	33.70	42.80	14. 10	6. 10	49. 64	279.
51. 10	52. 42	43.60	38. 40	44.96	16. 15	5. 40	50. 66	302.
49. 24	54. 54	44. 55	36, 30	47.92	14. 90	6. 50	56. 78	310.
45. 47	50. 68	43. 69	35. 31	43.84	13. 65	5. 10	55. 25	292.
47. 16	50. 68	42. 57	35. 71	45. 68	14. 70	5. 80	48. 11	290.
53, 37	61. 20	53. 60	41.74	53. 28	16. 10	7.46	65. 01	351.
54. 54	63. 98	53. 50	42.66	53.76	17. 35	6.06	58. 14	349.
46. 33	50. 76	40. 70	36. 17	42.48	13. 40	5. 76	37. 40	273.
46. 80	48. 74	41. 91	33.89	40.88	13. 60	5, 70	48. 28	279.
48. 54	53. 72	45. 90	36. 82	41.76	14. 70	5. 50	. 54.74	301.
52. 07	53. 74	46. 93	39. 49	49. 92	- 1635	6. 80	65, 62	330.
46.03	50. 08	39. 26	34. 80	42, 88	14. 15	5.00	54. 23	286.
46. 66	48. 42	40. 07	36, 25	41, 60	16. 90	6. 90	52.87	289.
52. 39	56.04	51. 65	42. 37	52. 72	15. 85	5. 50	56, 27	332.
46. 35	52, 06	40. 40	35. 01	43. 12	14.85	6.66	56.44	294.
44. 23 46. 51	47. 68 51. 72	42. 03 46. 59	34. 94 35. 70	43. 20 43. 92	- 13, 65	5. 76	55.76	287.
54. 35	63. 08	52, 40		52. 88	14.05	6. 70	45. 73 55. 25	290.
48. 30	55, 88	46. 86	43. 83	48. 16	17. 60 14. 45	7. 92 7. 16	1	347.
51. 93	52.96	41. 26	36. 91	45. 60	15. 35	7. 10	49.30	. 309.
47. 91	53. 10	41. 24	35. 05	43, 20	14. 95	6. 10	55. 08 49. 13	306. 290.
52, 82	61. 72	52, 63	42. 49	54. 16	16. 50	7.06	56. 27	343.
49. 61	55, 18	46. 32	38. 96	51. 52	15. 40	7. 56	58. 65	323.
52. 39	56.00	44. 20	38. 90	46. 96	15. 95	6. 36	57.46	318.
45. 49	49. 82	43. 49	34. 98	42. 48	14. 50	5. 50	52. 53	288.
51. 49	55. 46	51. 15	40. 37	53, 28	17. 05	7.36	56. 78	332.
46. 03	46. 52	40. 69	33. 22	42. 56	16. 15	6. 20	54.74	286.
49. 56	56. 78	47. 62	36. 95	42.30	16. 15	5. 10	63. 75	317.
49. 54	58. 68	50. 13	37. 90	44.00	14. 85	5. 30	54.74	315.
48. 96	53.48	48. 97	39.81	50.48	16.60	6.46	51. 51	316.
46. 92	58.60	48. 85	37. 23	50. 40	14. 65	6.00	55. 93	
50. 02	51.54			45. 52	16. 65	6.00		

				1	-		
				Age a		Sea se	
Order				Sid		in pra	ips
general		State from which	Date of				•
merit	Names	appointed	admission				
for aca- demic							
year					pp	ps	
				ars	ntl	Months	ys
		100		Years	Months	Mo	Days
115	Miller, Lermond Horton	Nebraska	Sept. 15, 1921	18	10	8	13
A305	Mitchell, Hampton	Arkansas	June 24, 1921	20	2	8	13
s*19	Moeller, Walter Fred	New Jersey	July 6, 1921	17	8	8	13
359	Moore, Albert Sidney	Texas	May 28, 1921	19	2	11	11
*15	Moore, Carlton Herbert	Maine	June 22, 1921	20	0	8	13
259	Moore, John Gilman	California	June 30, 1921	18	7	8	13
306	Morrison, Carl Hawkinsmith Barnes	Missouri	June 25, 1921	19	0	8	13
443	Morrison, Julian Knox, jr	Mississippi	Aug. 8, 1921	17	3	8	13
61	Moseley, Stanley Page	Texas	Aug. 2, 1921	18	1	8	13
311	Mowatt, Warren Potter	Wisconsin	Aug. 3, 1921	18	10	8	13
128	Mumma, Morton Claire, jr	Iowa	July 8, 1921	16	10	8	13
58	Munroe, Frank Asbury, jr	Maryland	July 13, 1921	17	4	8	13
*23	Murphy, John Williams, jr	Tennessee	July 9, 1921	17	7	8	13
3 36	Muth, Edward George	Missouri	May 27, 1921	19	5	13	11
226	Naquin, Oliver Francis	Louisiana	July 8, 1921	17	3	8	· 13
170	Nellis, Richard Eugene	New York	June 23, 1921	20	1	8	13
331	Nevins, Joseph Henry, jr	do	June 30, 1921	17	0	8	13
284	New, William Adolph	do	Aug. 12, 1921	18	6	8	13
247	Newton, Everett Phelps, jr	California	June 22, 1921	19	5	8	13
79	Newton, Wallace Sheridan	New York	June 23, 1921	18	8	8	13
117	Nickerson, Roger Brown	Maine	June 25, 1921	19	2	8	13 11
358	Nonweiler, Karl Herman	Indiana	May 27, 1921	19	0	11	11
442 206	Norman, Robert Gentry	Texas	July 31, 1920	16 20	11	8	13
376	O'Brien, William John O'Hara, James Burtle	New York	June 29, 1921 June 23, 1921	19	3	8	13
352	O'Keefe, George Fellows	Michigan	July 30, 1920	16	8	8	13
207	O'Neil, Charles Henry	Massachusetts	July 23, 1921	18	2	8	13
189	Orville, Howard Thomas	Wyoming	June 28, 1921	20	0	8	13
<i>\$</i> 387	Overstreet, George Jackson	Georgia	July 26, 1921	19	3	8	5
337	Owers, Frank Donovan	California	June 22, 1921	17	8	8	13
MC212	Page, Waldo Augustus.	New York	July 14, 1921	19	0	8	13
432	Palmer, Robert Cameron	Colorado	Aug. 10, 1921	18	5	8	13
163	Parke, Donald Dean	New York	June 29, 1921	19	9	8	13
*30	Parker, Edward Nelson	Kentucky	Sept. 1, 1921	17	1	8	13
346	Parker, Thomas Carroll	North Carolina .	June 29, 1921	17	10	8	13
81	Parks, Lewis Smith	Delaware	Aug. 17, 1921	19	5	8	13
45	Paro, Eugene Edward	Kentucky	June 25, 1921	17	4	8	13
8294	Paul, Alan Coyle	Washington	June 23, 1921	20	0	8	13
MC261	Pefley, Alfred Reed	Missouri	do	19	0	5	22
427	Peterson, Donald Alexander	Minnesota	July 29, 1921	19	2	8	13
*35	Peterson, Martin Rowland	Illinois	Aug. 16, 1921	19	0	8	13
301	Petross, Lynn Chism	Arkansas	June 24, 1921	18	3	8	13
413	Phelan, George Richardson	Tennessee	June 28, 1921	18	8	8	20
87	Phillips, George Lincoln	New York	June 21, 1920	16	7	8	
256	Pickens, Harold Henry Pickton, Willis Henry	Tennessee	June 25, 1921	19	3	8 8	13
71 281	Poore, John Bayard	Ohio	June 23, 1921	18	10	8	13
416	Porter, Warren Franklin	Pennsylvania Connecticut	June 28, 1921 May 27, 1921	17	10	11	11
140	Pound, Harold Clay	Oklahoma	June 28, 1921	17	6	8	2
111	Powell, Morgan Allen	Arkansas	do	20	1	6	21
273	Printup, Carter Alston	Georgia	June 22, 1921	18	8	8	. 13
65	Purmort, George Lawrence		Aug. 5, 1921	18	5	8	13
133	Putnam, William Howard			17	11	8	13

453 members—for the last year of their academic course—Continued

Sear	manship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregate fourth year
		41		N	Iaximum				
	60	73	60	48	64	20	8	68	400
	52, 92	53, 42	47. 35	40. 03	47, 12	15, 75	7. 56	58, 31	322. 46
	46. 43	49. 10	40.39	37. 20	44. 24	14.65	6. 96	60. 52	299. 49
	54. 15	61. 24	51. 10	42, 27	53. 84	17. 55	6. 46	61. 37	347. 98
	45. 60	50. 78	46. 17	36. 26	44, 24	14. 20	5, 96	49. 13	292. 34
	54. 31	60. 06	53. 69	43. 82	55. 44	17. 00	7. 78	58. 14	350, 24
	52. 23	51. 60	43. 76	36. 21	44. 48	15. 80	6. 36	54.74	305. 18
	47. 45	50, 58	40. 92	36, 86	43. 76	14. 95	6. 42	58. 48	299, 42
	46. 12 54. 19	47. 92 57. 22	40. 44 52. 05	32. 65 40. 91	41. 52 50. 40	14. 95 15. 85	7. 00	48. 45 55. 76	279. 05 333. 78
	47. 18	52. 34	45, 63	36, 25	45. 76	13. 50	5. 40	52. 87	298. 93
	48. 49	57. 28	51. 37	38. 93	46.72	14. 20	5. 60	58. 65	321. 24
	53. 30	58. 42	51. 92	39. 39	47, 52	17. 25	7.40	59. 33	334. 53
	53. 42	59. 54	51. 85	40. 40	54.00	17. 15	7. 46	61.54	345. 36
	45. 22	50.06	43. 71	36. 66	42.48	_ 13. 55	6. 70	56.95	295, 33
	48. 80	51. 92	46. 02	38, 92	46. 80	13. 50	7. 30	55, 25	308. 51
	49. 48	53. 46	48. 47	39. 32	47. 84	14. 95	6. 90	55. 93	316. 35
	48. 60	53. 44	42. 55	36. 19	43. 28	15. 40	5. 36	51. 00	295. 82
	49. 07	51. 34	39. 18	38. 35	43. 20	16.05	6. 50	58, 31	302, 00
	47. 38	52. 24	42. 74	38. 35	46.00	14. 75	6. 70	58, 14	306. 30
	50.86	56. 98 55. 12	51. 25 48. 98	39. 83 39. 60	50, 80 47, 60	15. 95 14. 85	7. 86 5. 70	54. 06 60. 52	327. 59 322. 28
	45. 59	51. 48	42. 71	34. 76	42. 24	14. 65	5. 20	55. 76	292. 39
	45. 93	47. 96	42, 49	33. 72	41. 36	15. 45	5. 06	47. 26	279. 23
	49. 86	53. 70	45. 12	40, 42	48. 24	16. 30	7. 92	48. 79	310. 35
	43. 69	50. 48	45. 73	32, 92	42.64	15. 30	6. 20	52. 87	289. 83
	45. 67	49.30	44.91	36. 07	42. 16	12, 75	6.36	55. 93	293. 15
	47. 57	57. 10	46. 78	36. 50	47. 76	15. 25	6. 90	52. 19	310.05
	48. 89	51. 94	43.36	37. 61	42.00	16. 80	7. 00	65. 79	313. 39
	46. 58	50. 02	41. 09	35. 05	42. 08	13. 55	7. 02	52. 70	288. 09
	48. 29	50. 98	42. 39	34, 24	42.64	16. 70	7. 92	52. 02	295. 18
	52. 08	55. 32	45. 46	38. 66 34. 67	43. 52 42. 40	15. 70 14. 95	7. 26	51. 68	309. 68
	45. 37 51. 03	47. 16 56. 22	41. 20 44. 91	40. 11	42. 40	14. 95	7. 60	48. 79 54. 57	281. 34 316. 76
	54. 42	60. 22	52, 43	43, 20	54. 32	17.80	7.68	53. 21	343. 28
	47. 63	49. 66	41. 38	35. 48	42. 96	14. 35	7.40	54. 91	293. 77
	53. 03	56. 60	48. 76	40. 77	50.40	16. 15	8. 00	53. 72	327. 43
	53. 83	57. 64	47. 12	41. 73	53. 12	16. 55	6. 20	61. 95	338. 14
	46. 29	51. 00	- 42, 68	37. 68	46. 80	14. 10	7.36	54. 57	300.48
	49. 98	52. 76	43. 25	34. 18	42.80	16. 30	7. 76	58. 14	305. 17
	43. 40	48. 92	42. 02	31. 96	41. 76	12.90	5. 60	55. 93	282, 49
	53. 45	60. 08	50. 36	40. 84	50. 72	15. 80	7. 86	61. 78	340. 89
	48. 43	50. 98	41.71	34, 12	43. 28	15.80	6. 70	58. 65	299. 67
	47. 26	50. 32	41. 33	34, 25	41. 84	15. 35	5. 56	49. 30	285. 21
	50. 92 51. 17	57. 48 52. 00	50. 04 44. 41	37. 31 35. 88	48. 64 46. 00	15. 15 15. 00	7. 00 6. 78	60. 18 54, 23	326. 72 305. 47
	54. 18	60. 12	49. 46	41. 63	50. 88	17. 50	7.00	49, 81	330. 58
	46. 65	52, 94	43. 27	35. 96	43. 76	16. 00	6. 60	57. 12	302, 30
	47. 20	52. 18	39, 37	34. 74	42. 16	13. 25	6, 66	48. 62	284. 18
	51. 81	57. 12	47. 94	38. 81	49.60	16. 15	5. 40	53. 38	320. 21
	50. 69	55. 22	44. 98	39. 16	45. 52	17. 65	6. 40	63. 14	322. 76
	46. 20	50. 40	45. 22	37. 09	44. 96	14. 30	7. 46	58. 14	303.77
	51. 74	58. 10	49. 61	41.46	51, 92	15. 75	6. 20	57. 97	332.75
	47. 97	58.90	49. 02	39. 41	48. 48	13. 50	6. 80	56. 61	320. 69

				Age a	t date	Sea se	rvice
Order			100	orad	n in	in pra	nctice os
of general		Ctata form — bish	Ditient	-	_		P
merit	Names	State from which appointed	Date of admission				
for aca-		аррониса	admibbion				
demic year		N. I			. 02	- SO	
Jean				ρ ₀	th	th	ca
				Years	Months	Months	Days
				Y	. Z	<u>=</u>	
*32	Pyne, Schuyler Neilson	New Jersey	May 27, 1921	17	8	11	11
430	Query, James Victor, jr	North Carolina .	June 29, 1921	17	8	7	23
357	Quinn, Arthur Remmel	Maryland	June 25, 1921	17	7	8	13
MC51	Rahiser, Martin Stuart	Pennsylvania	June 23, 1921	20	2	8	13
429	Rainer, Gordon Benbow	Alabama	June 22, 1921	18	0	8	13
4221/2	Ransom, Roy Ralph	Texas	June 24, 1921	19	6	8	13
110	Ray, Clarence C.	Kentucky	June 25, 1921	18	8	8	13
134	Reamy, Thomas Gordon	Nevada	Aug. 3, 1921	18	10	8	13
355	Reeves, Isaac Stockton Keith, jr	At large	June 24, 1921	18	2	8	00
s440	Reith, Edward Vanderlip	New York	June 28, 1921	18	. 1	8	13
208	Reither, Richard William	Ohio	Sept. 14, 1920	17	10	8	20
118	Reppy, John David	Missouri	June 23, 1921	20	1	8	13
238	Reynolds, Carroll Dayne	Texas	June 30, 1921	17	8	8	13
e434	Rhodes, William Kennedy	Indiana	July 26, 1921	18	6	11	10
209	Rice, Herbert Paul	Massachusetts	June 22, 1921	19	2	8	13
s296	Richardson, Ewart Coridan	West Virginia	Aug. 16, 1921	19	11	8	13
396	Roberts, David Gillies	Michigan	June 12, 1920	18	9	11	12
236	Roberts, Lew Wallace	Missouri	June 27, 1921	16	4	8	13
303	Robertson, John Berry, jr	Texas	July 26, 1921	17	5	8	1
*8	Robinson, James Marshall	Virginia	June 30, 1921	17	5	8	13
177	Rorschach, Anthony Lawless	At large	June 12, 1919	16	8	13	11
c441	Rosenberg, Millard	California	July 26, 1921	18	10	11	9
*28	Ross, Delbert Amos	New Jersey	June 25, 1921	17	5	8	13
312	Ryan, Charles Maurice	New Hampshire	June 23, 1921	19	1	. 8	13
425	Sampson, Warren Bell	Rhode Island	June 28, 1921	18	11	8	13
349	Schieke, Herman Edward	South Dakota	do	18	6	7	3
167	Schleif, Edward Llewellyn	Wisconsin	do	19	2	8	13
332	Schonland, Herbert Emery	Maine	June 9, 1920	19	9	11	11
166	Schultz, William Christian	New Jersey	Aug. 15, 1921	18	1	8	13
191	Scott, John Murphy	Illinois	Aug. 10, 1921	19	4	7	7
292	Scruggs, Joseph Marion	Texas	July 26, 1921	17	11	8	13
*37	Seabury, Claire Clifford	Illinois	Aug. 22, 1921	19	5	8	13
390	Sears, Norman Walker	Missouri	June 29, 1921	17	8	8	13
344	Sentman, Ralph Atkins	Delaware	June 24, 1921	18	7	8	13
435	Shahan, William Henry	Ohio	July 6, 1921	18	10	8	13
*24	Sides, John Harold	Washington	June 28, 1921	17	2	8	13
198	Sigel, Clinton Henry	Minnesota	July 19, 1921	18	2	8	13
53	Sihler, William	Indiana	July 20, 1921	18	2	8	13
2 65	Silsbee, Charles Sylvester	Michigan	do	17	8	8	14
108	Sima, Frederick Frank	do	June 22, 1921	17	10	8	13
102	Simms, Harry Arthur	Maryland	Aug. 4, 1921	20	1	8	13
282	Simpson, Samuel Douglas	At large	Nov. 14, 1921	20	10	8	13
353	Sims, Gelzer Loyall	South Carolina	July 15, 1921	17	8	8	13
303	Singer, Watson Twitty	Massachusetts	June 22, 1921	18	11	8	13
93	Slaven, Franklin Wilbur	West Virginia	July 19, 1921	18	. 2	8	13
48	Sledge, Alexander	Alabama	June 24, 1921	18	1	8	13
397	Smith, Cecil Lorane	West Virginia	June 29, 1921	19	9	8	13
90	Smith, Chester Carl	Idaho	Sept. 1, 1921	16	'	8	13
159	Smith, Douglas Elwin	New York	Aug. 13, 1921	18	2	8	13
185	Smith, Haralson Ferguson	Mississippi	June 25, 1921	17	7	8	13
e406	Smith, James McDonald	Pennsylvania	July 26, 1921	19	1	10	28
*39	Smith, James Stuart, jr	New Hampshire		16	7	8	13
154	Smith, Rodmon Davis	Georgia	July 19, 1921	18	0	8	13

453 members—for the last year of their academic course—Continued

Seaman	ship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregat fourth year
	,		,	M	Iaximum		ı		
60	1	72	60	48	64	20	8	68	400
50	. 38	57. 68	53. 35	41.90	53. 44	17. 35	7. 30	60. 69	342.0
	. 50	50. 72	42. 34	33, 99	41,60	13. 85	5. 70	48. 11	281. 8
48	. 27	50. 68	40. 86	36. 91	43. 12	15. 75	6. 66	50. 15	292.
53	. 13	57. 96	49. 91	38, 83	49. 28	17. 10	6. 20	64. 43	336. 8
46	. 57	50. 94	41.31	36.09	41. 92	14. 20	4.80	46. 07	281. 9
45	. 36	48. 64	38. 29	33. 81	42. 56	12.85	5. 50	56. 10	283.
48	. 51	55. 02	47. 70	38. 77	46. 08	15. 30	6. 66	. 64.77	322. 8
	. 14	55, 70	51. 77	37. 00	47. 12	17. 45	5. 20	56. 27	320. 6
	. 71	51.06	45. 47	35. 21	43.04	13. 85	6. 70	52.87	292.9
	. 88	48. 32	39. 61	33. 32	43, 44	13. 90	5. 00	51. 34	279.
	. 65	55.96	49. 65	36. 73	43. 36	16. 25	5, 20	51. 17	309. 9
	. 99	59. 64	46. 01	40. 48	49. 52	16. 20	6. 90	51. 51	322. 2
	. 04	54. 46	42. 59	37. 49	43. 68	16. 40	7. 30	56. 44	307. 4
	. 59	49. 16	43. 48	32. 93	43, 52	14. 75	5. 10	46. 41	280. 9
	. 84	54. 48	50. 49	38. 17	43. 28	15. 75	6. 46	49. 47	309. 9
	. 38	52. 72	43. 61	34. 98	42. 64	16.00	5.00	54. 74	300.0
	. 15	50. 98	40.00	36.30	42. 24	13. 60	5. 30	51. 34	286. 9
		53. 44	44. 91	37. 94	45. 50	16. 20	7. 70	51.85	307.
	. 53	51. 50	44. 54 53, 49	36. 61	43. 44	16. 20 . 17. 45	7. 30	52. 53	299. 6
	. 98	62. 18 52. 86	44. 15	44. 16 36. 26	56. 88 43. 92	17. 45	6. 70 6. 70	57. 97 63. 41	354. 0 315. 4
	.77	48.46	42. 55	36. 27	43. 36	14.75	5. 76	43, 35	279. 2
	. 10	60.88	57. 89	41. 31	54. 56	15. 35	5.80	55. 08	343. 9
	92	51. 44	43. 87	36.65	47. 44	14. 25	5. 20	52.02	298.
	20	48. 46	39. 11	35. 10	42. 96	13. 00	6.60	50. 15	282.
	. 32	51. 16	45. 29	37. 27	43. 28	14, 20	5. 10	50. 83	293. 4
	.77	57. 12	45. 64	38. 58	46. 16	15. 15	7. 40	55. 76	316.
	. 85	50. 18	40. 48	35. 90	44. 88	13. 20	6.86	57. 29	295. 6
49.	. 14	55. 78	48. 94	39. 55	48. 00	15. 25	7. 60	52. 36	316. 6
51.	. 03	53. 12	46.14	39. 09	46.72	16. 70	6. 10	53. 89	312.7
48.	. 38	54. 54	42.05	37.61	43. 28	14. 95	5. 30	54. 57	300. 6
53.	. 79	61. 20	52. 39	43. 01	54. 40	16. 10	7. 16	52. 53	340. 8
46.	. 81	49. 22	44.00	34. 88	41. 36	14. 15	6. 20	51.00	287. 6
	. 46	47. 48	42. 28	32. 04	42. 64	13. 20	5. 80	66. 20	294. 1
	. 79	48. 92	39. 26	35. 19	42. 64	15. 00	7. 00	47. 60	280. 4
	. 67	61. 34	53. 40	42. 90	54. 56	16. 10	6. 80	54. 57	344. 3
	. 87	52. 22	45. 80	37. 85	47. 68	14. 60	6. 90	56. 95	311.8
	. 63	60. 46	50. 54	41. 44	49. 92	16. 50	6. 90	56. 10	336.
	82	51. 54	43. 92	35. 27	45. 04	15. 00	7. 36	57. 63	304.
	. 02	57. 44	47. 69	38. 09	49. 52	15. 35	6. 50	59. 33	322.9
	70	57. 38 50. 56	48. 65	38. 79	48. 16	15. 95	5. 70	58, 65	323.
	47	49. 62	39. 78 43. 28	37. 62 36. 11	42. 56	15. 40 14. 65	5. 00	60. 52 52. 02	302.
	74	57. 12	43. 52	35. 17	42. 16	15. 40	6. 70 7. 46	52. 02 48. 96	293. (
	56	54. 60	43. 52	40. 38	50. 56	15. 40	6. 60	60. 52	324. 9
	75	60. 92	50. 21	42. 68	50. 72	18.00	7. 80	54. 57	337. 6
	19	49. 78	41. 13	34. 16	42. 96	14. 70	7. 50	53. 38	286. 8
	15	57. 74	50. 03	39. 14	51. 92	16. 45	7. 10	51. 51	326.
	13	55. 18	49. 13	39. 61	43. 68	15. 35	6. 90	57. 12	317.
	82	52. 86	41.07	39. 13	46. 48	17. 35	6. 10	60. 52	314. 3
	96	49. 38	40. 60	35. 71	42. 96	14. 20	6. 30	47. 26	286. 3
	85	61. 04	54. 22	40. 04	48. 40	17. 05	6. 20	60. 35	340. 1
	01	56. 42	48. 66	39. 46	48. 88	15. 00	5. 80	54. 06	318. 2

-				1			
Order				Age a of ad	t date	Sea se	ervice
of				sic		shi	
general merit	Names	State from which	Date of				
for aca-	Names	appointed	admission				
demic					ro		
year				ço	Months	Months	-
				Years	To	lon	Days
				Α_	2	2	Ω
04.4	g 44 B 11 gt 12	G.174 1	0.4 4 4004				
211	Smith, Russell Simonds	California	Oct. 4, 1921	19	1	8	13
86 MC171	Smith, Stirling Patterson Snedeker, James	Missouri Georgia	June 23, 1921 July 19, 1921	16 17	10 11	8	13
176	Sowell, Jesse Clyburn	South Carolina	July 8, 1921	17	9	8	13 13
94	Spiller, John Herman		July 8, 1921	17	0	8	13
300	Standley, William Harrison, jr	At large	June 24, 1921	17	6	8	13
319	Steele, John William	Louisiana	June 28, 1921	17	6	8	13
222	Stickney, Fred Russell	Michigan	July 19, 1921	19	1	8	13
M C320	Stillman, John Hillard	North Dakota	June 23, 1921	16	10	8	13
144	Stolz, Francis Roland	Wisconsin	June 29, 1921	18	4	7	9
328	Stone, Hamilton Laurie	New York	June 25, 1921	19	2	8	13
*12	Straub, William Clendon	Ohio	June 28, 1921	16	7	8	3
s59	Strong, Walter Hartridge	Georgia	Aug. 9, 1921	17	11	8	13
96	Stryker, Joe Warren	Washington	June 25, 1921	17	6	8	4
*6	Stubbs, Daniel	Nebraska Oregon	June 23, 1921	17	8 2	8	13
143 257	Sugnet, Lee Ferrand Sullivan, Cornelius Martin	Pennsylvania	Sept. 22, 1921 June 28, 1921	18 18	8	8 8	13 13
91	Sullivan, Eugene Dennis	New Jersey	June 25, 1921	16	11	8	13
347	Swinburne, Edwin Robinson	Rhode Island	July 19, 1921	17	2	8	13
141	Sylvester, Malcolm Duncan	Louisiana	July 29, 1921	16	5	8	13
A 299½		Connecticut	June 22, 1921	18	4	8	13
55	Taylor, Edmund Battelle	Ohio	June 23, 1921	17	3	4	24
234	Taylor, James Davis, 3d	Kansas	July 13, 1921	16	11	8	13
426 -	Terry, Winthrop Eugene	New York	June 23, 1921	18	0	8	13
69	Thomas, Francis James	do	July 26, 1921	16	9	8	13
67	Thomas, Thomas Carson	Kansas	July 13, 1921	18	2	8	13
428	Thompson, Arthur Boughton	Maryland	May 27, 1921	20	2	11	11
379 384	Thompson, William Kenneth	Wisconsin	June 29, 1921	17	3 2	8 8	13
240	Thomson, Hugh Pollard Thorington, Alexander Clark	Louisiana	June 22, 1921	18 17	9	8	13 13
230	Thornton, Reuben Thomas, jr	South Carolina.	July 8, 1921	17	4	8	13
348	Tibbitts, Frank Pixley	Ohio	June 28, 1921	18	2	8	13
193	Timberlake, Frank Sommer	Virginia	June 24, 1921	18	8	8	13
49	Todd, George Lloyd	Michigan	June 22, 1921	18	11	8	13
192	Tolman, Charles Edward, jr	Massachusetts	June 25, 1921	18	0	8	13
263	Tonseth, Thomas Henry	Alaska	July 19, 1921	17	9	8	13
54	Trainer, Horace Gilbert	Pennsylvania	June 24, 1921	19	3	8	13
268 MC*17	Truesdell, William Hial	Illinois	July 8, 1921	17	7	8	13
MC*17	Trumble, Edward John Truxall, Charles Wible	Virginia Ohio	June 25, 1921 June 28, 1921	19 19	6	8 8	13 13
*18	Tucker, Dundas Preble	New York	July 21, 1921	19	3	8	13
113	Tullsen, Waldo	Michigan	June 23, 1921	19	7	7	15
b375	Turner, Robertson Hill	Texas	June 18, 1920	18	7	11	11
1881/2	Turney, William Little	Ohio	May 27, 1921	17	4	11	11
410	Tuzo, Paul Benjamin, jr	New Jersey	June 25, 1921	17	. 8	5	22
124	Tweedy, Edmund	Wisconsin	June 9, 1920	17	1	11	11
99	Tyree, David Merrill	Kentucky	June 29, 1921	17	5	8	13
MC59	Uhlig, Frank Julius		June 23, 1921	19	5	2	24
269	Vanasse, Roland Benjamin	Rhode Island	June 28, 1921	18	1	8	13
123	Van Metre, Merlevan Nagell, John Rensselaer	Nevada	Aug. 2, 1921	18	6	8 8	13
153 250	Varian, Donald Cord	At large	July 13, 1921 Nov. 10, 1921	16 20	8 8	8	13
285	Veeder, William Schuetze			18	5	8	13
	Jonaton Santa		2, 1021	101		, i	

453 members—for the last year of their academic course—Continued

Seamanship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregate fourth year
		-	Ŋ	1aximum				0
60	72	60	48	64	20	8	68	400
47. 93	52. 46	45. 43	36. 51	46. 72	14. 10	7. 96	58. 65	309. 70
49. 34	59. 24	54. 44	39. 30	48. 16	15. 90	7. 26	53. 21	326. 8
51, 33	53. 48	47. 08	35.03	. 48.88	15. 60	6. 46	58. 48	316. 3
51. 56	55. 32	46. 12	37.96	47. 12	16.30	7. 56	53. 89	315. 8
49. 98	59. 20	48. 78	39. 84	48.96	16. 75	4. 46	56. 95	324. 9
48. 25	51. 50	45. 34	37. 54	43. 12	14. 25	7. 36	52. 36	299. 7
46. 78	53. 46	43. 94	36, 61	42, 24	15. 80	7.06	51. 68	297. 5
48. 96	52. 14	43. 93	38. 65	45. 12	13.95	7. 20	58. 82	308. 7
49. 06	54. 40	46, 47	36. 18	42.08	. 14. 55	6. 70	48. 11	297. 5
50. 12	56. 48	49. 28	39. 36	48.24	16. 45	6. 62	52. 87	319. 4
47. 43	49. 60	40.98	35. 77	43. 52	13. 80	5. 10	60. 18	296. 3
53. 94	61.00	52. 98	43. 11	56.00	16. 65	6. 56	62. 12	352. 3
53. 52	59. 44	54. 10	42.71	47. 60	17. 15	7. 80	52. 02	334. 3
50. 12 54. 40	53. 88	50. 30	37. 18	48. 88	15. 30	6. 92	62. 12	324. 7
	62.42	54. 19	42. 28	54. 00	16. 45	7. 10 5. 96	66. 47	357. 3 319. 4
53. 80 50. 01	56. 72 54. 48	44. 30 46. 11	37. 99	47. 36	17. 05 16. 25	6. 20	56. 27 51. 00	305, 4
50. 87	58. 48	51. 95	35, 68 38, 31	45. 68 50. 72	16. 25	7. 42	50. 66,	325. 3
46. 72	48. 46	42. 02	34. 09	39. 60	13. 95	6. 06	62. 73	293. 6
53. 65	53. 50	44. 09	37. 67	53. 92	15. 75	7. 40	53. 89	319.8
46. 38	51. 08	45. 52	33. 84	42. 24	16. 55	5. 30	58. 82	299. 7
52. 88	58. 22	49. 32	41. 18	47. 68	18. 05	7. 40	61. 37	336. 1
45. 89	54. 90	45. 72	35. 09	42. 96	14. 65	7. 30	61. 10	307. 6
46. 46	49. 38	40. 91	33. 97	42. 48	14. 20	6. 70	48. 45	282, 5
51. 28	58, 44	52. 99	39. 09	51. 68	18. 25	6. 80	52. 87	331. 4
52. 80	55. 54	51. 11	39, 88	50. 56	15, 95	6. 50	59. 50	331. 8
49. 20	49. 12	39. 57	31. 94	40. 40	13. 20	6.30	52. 36	282. 0
45. 58	50. 58	46. 33	32, 66	41. 68	15. 40	6. 20	51. 00	289. 4
45. 80	49. 56	40.87	34. 55	42, 88	15. 45	7. 26	52. 19	288. 5
48. 31	54. 02	41. 75	39. 33	45. 20	14. 40	5. 60	58. 31	306.9
48. 17	53. 84	51. 11	36, 58	44. 80	13. 30	6.70	53. 38	307. 8
46. 50	53. 00	44. 19	36. 57	45. 20	13. 75	5. 56	48. 71	293. 4
48. 37	53. 64	44.00	39. 15	46. 80	14. 35	6. 10	60. 18	312. 5
54, 00	59, 66	52. 08	40. 66	49. 52	16.00	6. 70	58. 48	337. 1
51, 23	53. 94	45. 89	37. 70	45. 36	15. 75	5. 10	57. 63	312. 6
48. 76	51. 24	50. 35	35. 51	44.72	13. 35	6. 60	54. 40	304. 9
52. 57	56. 50	50.86	41. 45	49. 84	15. 40	6. 60	62. 97	336. 1
49. 33	54. 14	47. 14	37. 64	46. 72	15. 00	7. 60	46. 92	304, 4
54. 52	62. 38	55. 65	40. 58	51. 36	16. 75	6. 90	60. 76	348. 9
47. 41	52. 42	42.04	37. 60	41. 52	15. 20	6. 76	54. 91	297. 8
52, 82	59. 22	51. 60	40. 13	56. 72	17. 60	7.46	62. 97	348. 5
48. 88	57. 04	49. 08	40.82	51. 84	14. 15	7. 90	52.87	322. 5
47. 26 48. 55	50, 52 55, 26	41. 64 46. 91	36. 44 37. 42	45, 44 47, 04	13. 85 15. 20	5. 00 7. 70	49. 81 55. 7 0	289. 9 313. 7
48. 55	49. 96	43. 40	34. 31	43. 28	13. 95	5. 50	47. 94	286. 1
52. 92	54.84	45. 40	38. 21	46. 72	16. 40	5. 90	61. 54	321. 5
52. 92	57. 02	44, 64	38. 24	45. 20	16. 60	7. 46	63. 14	324. 3
52. 27	58. 38	* 53. 74	40. 31	51. 84	16. 50	6. 90	54. 40	334.3
48. 83	51. 20	41. 17	36. 34	41. 12	17. 95	7. 16	60. 52	304. 2
52. 17	56. 62	47. 22	39. 47	48. 24	15. 95	5. 90	56. 10	321.6
50.77	55. 92	46. 53	38. 11	46. 32	16. 95	5. 40	58. 48	318. 4
47. 74	54. 50	45. 97	34. 64	44. 08	14. 80	7. 18	57. 12	306. 0
47. 00	52. 76	46. 13	33, 39	46. 32	14. 45	6. 10	55. 76	301. 9

Order of seneral merit for aca-	Names	State from which appointed	Date of admission	Age at of ad sic	mis-	Sea service in practice ships	
demic year				Years	Months	Months	Days
50	Voge, Richard George	Illinois	June 22, 1921	17	2	8	13
116	von Kleeck, Ernest St. Clair, jr	Oklahoma	June 24, 1921	20	1	8	13
280	Wagner, Harry	Illinois	June 28, 1921	19	5	8	14
44	Walker, Edward Keith	Maine	July 19, 1921	16	10	8	13
57	Wallace, Lewis	Texas	June 28, 1921	16	10	8	13
83	Wanglin, Byron Chase, jr	Missouri	do	18	6	8	13
80	Warder, Frederick Burdett	West Virginia	June. 24, 1921	17	3	8	13
MC231	Waterman, Hawley Chapel	New York	June 25, 1921	18	2	8	13
271	Waters, Hubert Temple	Texas	June 28, 1921	18	10	8	13
253	Weeks, Charles Stillman	At large	June 24, 1921	16	5	8	13
217	Wellings, Joseph Harold	Massachusetts	Sept. 7, 1921	18	4	⊸ 8	5
323	West, Marvin Justice	South Carolina	June 24, 1921	18	1	8	13
42	Weston, Lee Truax	Michigan	Aug. 5, 1921	18	11	. 8	13
68	Wheelock, Austin Wadsworth	New York	June 23, 1921	18	3	8	13
SC329	White, Philip	California	Aug. 5, 1921	19	10	8	13
150	Wickizer, Vernon Dale	do	Sept. 1, 1921	17	4	8	13
385	Williams, Frederick Paul	Alabama	June 24, 1921	18	5	8	13
163	Williams, Knowlton	Indiana	July 16, 1921	16	4	8	13
MC244	Williamson, Sidney Roosevelt	Kansas	June 22, 1921	18	9	8	13
j370	Willingham, Joseph Harris, jr	Alabama	June 24, 1921	16	3	11	9
388	Wilson, Joseph Edgar	Indiana	June 22, 1921	19	1	8	13
8122	Wishart, Clifton Armfield	New York	June 23, 1921	19	5	7	23
445	Wogan, Rene Stevens	Louisiana	July 26, 1921	17	.7	8	13
241	Wolcott, Theodore	Iowa	June 22, 1921	19	9	8	13
218	Wood, Hunter, jr	Kentucky	June 25, 1921	19	0	8	13
334	Wright, Bennett Wood	Arkansas	July 16, 1921	17	5	8	13
*10	Wright, Fremont Bruce		June 24, 1921	17	5	7	12
104	Wright, George Charles		do	18	11	8	13
219	Wright, William Leslie	Texas	Aug. 9, 1921	19	1	8	13
b286	Zitzewitz, Elmer Kurz	Illinois	June 10, 1920	17	11	11	12
MC85	Zuber, Adolph	New Jersey	June 25, 1921	18	8	6	10

453 members—for the last year of their academic course—Continued

Seamanship	Ordnance	Navigation	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for the service	Aggregate fourth year
			N	Iaximum				
60	72	60	48	64	20	8	68	400
52, 27	57. 42	55. 79	42. 15	55, 60	15. 80	5, 50	52. 36	336. 89
49, 29	56. 90	51. 69	39. 43	48.72	15, 00	7.00	54. 40	322, 43
47. 03	49. 48	42. 83	34. 64	41.92	17. 95	6. 86	61. 71	302, 42
51. 10	59. 14	54. 91	42. 06	53. 36	16. 30	5. 80	55. 93	338.60
53. 71	57. 52	53. 41	40. 97	50.00	17. 35	7. 56	54. 40	334. 93
50. 66	57. 24	48. 30	41. 13	52.08	16. 20	7.40	54.06	327.0
49. 40	54. 66	53. 55	38. 09	45. 92	17. 55	7.60	60. 76	327. 5
49. 54	54. 04	44. 98	35. 71	44, 72	14.30	5.00	59. 50	307. 79
46.30	52, 78	48. 15	35. 98	45. 84	14.80	6. 26	53.89	304.00
49. 42	54. 48	46. 27	35. 74	43. 60	13. 50	6. 76	55. 93	305. 70
50. 28	49.00	43. 80	36. 87	43. 12	16.50	6. 90	62. 80	309. 2
48. 03	53. 26	46. 02	33. 87	44. 24	14. 70	6. 20	50.66	296. 9
53. 61	60. 72	50. 78	41. 15	49. 20	16. 95	7. 00	- 59.67	339.0
50. 82	59.04	50.46	39. 38	49. 12	15. 60	5. 90	61. 10	331. 4
46. 65	51. 60	45. 26	37. 25	45. 52	17. 10	6. 92	45. 90	296. 2
52. 38	54. 22	48. 18	38. 46	47. 44	16.05	7. 10	54. 91	318. 7
46. 11	48.48	46. 98	35, 86	42.56	14.35	6. 90	47.09	288. 3
50. 94	57. 16	51. 49	39.65	47. 60	15. 00	6.30	48. 62	316. 7
50. 05	52.02	49. 85	38. 70	44. 88	13. 65	7. 36	50. 15	306. 6
45. 15	49. 78	47. 58	37. 95	48. 40	15. 00	6. 60	40. 29	290. 7
45. 53	50.72	42. 46	35. 62	43.84	14. 60	5. 40	49. 81	287. 9
50. 11	58. 08	48. 62	38. 50	51. 44	16. 35	6. 10	52.,87	322.0
43. 68	47. 52	39. 73	33. 40	41. 84	13. 25	7. 20	50. 66	277. 2
48. 69	49.92	45. 14	36. 27	46. 48	15.70	6. 10	58. 48	306. 7
48. 64	51. 78	46.31	38. 56	44.40	14.90	5. 60	58. 99	309. 1
45. 35	50. 82	45. 07	36.95	42. 64	13. 80	5.00	55. 93	295. 5
54. 26	63. 28	55. 29	43. 53	57. 92	17. 50	6. 60	55. 42	353. 8
53. 25	56. 22	48. 70	41. 37	49. 36	14. 55	7. 60	52. 70	323. 7
50. 59	52.06	47. 61	37. 40	44. 96	17. 00	5. 60	53. 72	308. 9
47. 16	49. 62	50. 29	35.82	44. 80	13. 65	5. 20	55. 25	301. 79
48. 50	55. 04	48. 78	39. 67	50. 56	15. 85	7.80	60. 76	326. 9

Merit roll of the midshipmen of the present first class (class of 1926)

Order of gen-		(1)		dat	e at e of ission		ervice actice ips
eral merit	Names	State from which	Date of				
for aca-	Names	appointed	admission				
demic					SC	25	
year				Years	Months	Months	ys
				Ϋ́Θ	Mo	Mc	Days
			 ,				
330	Abele, Mannert Lincoln	Massachusetts	June 21, 1922	18	11	5	15
107	Adair, Charles	California	June 16, 1922	19	7	8	11
400	Adams, Charles Baird	Ohio	Sept. 2, 1922	20	2	11	9
47	Adams, Malcolm Sidney	Alabama	Aug. 8, 1922	19	4	5	15
444	Agnew, Dwight Merle	Ohio	June 23, 1921	19	6	11	9
381	Albertan Daniel Griene	Louisiana	June 16, 1922	16 19	9	8	11
76 88	Albertson, Donald GrieveAlexander, Donald William	New Jersey	June 21, 1922 June 16, 1922	- 17	11	5 8	6
303	Allen, William Gleason	Ohio	July 11, 1922	18	- 2	8	11
147	Anderson, William Lovett	Georgia	June 16, 1922	17	2	5	15
*7	Anderson, William Wallace, jr	Kentucky	June 14, 1922	17	7	8	11
293	Armentrout, Erasmus Wilson, jr	Virginia	June 15, 1922	18	1.	8	11
139	Armstrong, Justus Morris Brown	Tennessee	do	18	1	5	15
	Rogers.						
246	Armstrong, Robert Gordon	Illinois	June 13, 1922	18	2	8	11
1411/2		New York	June 21, 1922	20	1	8	11
418	Asserson, William Christian, jr	Indiana	July 18, 1922	19	2	5 8	15
201 43	Aylward, Theodore Charles, jr Baker, Gerald Davey	Kentucky Michigan	June 15, 1922 June 17, 1922	19	10	8	11
332	Baker, Robert de Coursey	Massachusetts	June 16, 1922	17	10	5	15
430	Ballman, Howard Edward	Missouri	June 20, 1922	19	9	8	11
296	Banks, Neill Kramer	Georgia	June 30, 1922	19	1	7	10
140	Barker, Nathaniel Charles	Tennessee	Sept. 2, 1922	19	3	8	13
406	Benjamin, Albert	New Hampshire.	June 14, 1922	18	0	8	11
74	Benner, Kenneth Wachter	Ohio	June 16, 1922	18	1	7	12
420	Bergeron, Haze Joseph	Louisiana	June 13, 1922	19	9	5	15
324 207	Bernet, Albert Edward, jr	Missouri	July 3, 1922	18	0 7-	6	29
106	Bernstein, Henry Emil Biederman, Karl Joseph	Florida New York	June 27, 1922	17	3	5	15
161	Bierer, Bion Barnett, jr	At large	June 16, 1922	16	11	8	11
49	Bird, Joseph Lenoir	District of Co-	do	17	1	8	11
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	lumbia.					
383	Birtwell, Daniel Thomas, jr	West Virginia	Sept. 2, 1922	18	10	5	15
116	Black, Francis Loudon	Ohio	June 28, 1922	19	2	8	11
364	Black, Hugh David	New Jersey	June 20, 1922	19	0	8	11
72	Blinn, Welford Charles	Ohio	June 14, 1922	19	8	5	15
164 142	Boaz, Richard McFall Boileau, Almerian Robinson	Kentucky New York	June 29, 1922 June 21, 1922	17 18	5 5	8	11 11
51	Boorse, Henry Abraham	Pennsylvania	June 15, 1922	17	9	5	15
307	Boughton, Edward James, 3d	Colorado	June 17, 1922	19	~2	8	11
313	Boyle, Charles Leo	Massachusetts	June 16,1922	18	11	8	11
211	Brady, Upton Slingluff, jr	South Dakota	June 21, 1922	18	8	5	15
380	Branneman, Leonard	Indiana	June 15, 1922	19	9	. 8	11
150	Brewer, James Theodore	New York	June 20, 1922	16	6	8	0
*4	Briner, Charles Emil	New Jersey	June 15, 1922	17	. 11_	5 8	15
97 *10	Broussard, Clarence Brown, Bert Franklin	Louisiana	June 21, 1922 June 15, 1922	19 18	10	8	11
199	Brown, Donald Cairns		June 28, 1922	18	1	5	15
378	Browne, James Roll	Michigan	June 29, 1922	18	3	8	11
375	Brownfield, John Herbert	Arkansas	do	16	4	8	11
*18	Bruton, Henry Chester	do	June 14, 1922	17	4	5	15
179	Buchanan, Charles Allen	Indiana	June 13, 1922	17	8 4	8	11
149	Burchett, Vincent Baldwin		June 20, 1922	17	6	8	11
63	Burnside, John Lockwood, jr	New Mexico	June 14, 1922	18	8	5	15

for the third year of their academic course-466 members-June, 1925

	man- hip	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggregate third year
				I	Maximum				
-	16	16	40	56	36	56	32	48	300
	12.00	12.40	30.20	38.38	23. 22	37. 76	22. 48	42.00	218. 44
	13. 28	13. 20	29. 40	43. 68	26. 01	40.70	29. 64	43. 68	239. 59
	12.48	11.40	26. 90	38. 04	23. 40	37. 48	21.64	40. 88	212. 22
	13. 88	13. 04	34, 80	45. 78	29. 88	47. 56	25. 32	42.96	253. 22
	11. 80	11.12	25. 50	38. 62	23. 31	36. 16	22. 28	37. 56	206. 35
	11. 92	13. 92	31. 40	36. 74	23. 04	37. 40	21.72	38. 16	214. 30
	13. 64	13. 32	31.10	45. 30	27. 54	43. 48	26. 44	44. 88	245. 70
	14. 44 12. 00	13. 20	32. 50 30. 70	44. 18 36. 82	25. 92 23. 76	42. 80 37. 98	27. 12 27. 04	42.84	243. 00
	14. 08	11. 00 13. 48	33. 00	45. 66	25. 29	40. 84	22. 68	40. 92	220. 22 235. 59
	15. 12	14.12	37. 40	51. 56	29. 34	49. 08	30. 76	43. 80	271. 18
	12.40	12.08	31. 30	41. 96	25. 65	39. 46	20. 96	37. 08	220. 89
	13. 28	12. 80	33. 40	43. 88	26. 91	44. 36	24. 48	37. 44	236. 55
	11 00	10 10	27.00	40.20	00.04	40.00	00.00	00.04	00" 04
	11. 92 13. 04	12, 12 12, 64	37. 20 30. 20	40. 30 44. 00	23. 04 26. 73	40. 00 41. 78	20. 92	39. 84 42. 84	225. 34 236. 47
	12. 24	11. 56	27. 60	39. 18	23. 04	36. 76	20. 60	39. 84	210. 82
	14. 12	12. 56	30. 70	41. 60	25. 02	40.94	25. 28	40. 08	230. 30
	14. 20	13. 32	35. 60	46. 96	29. 70	48. 12	26. 68	39.72	254. 30
	12.68	11. 32	27. 20	40. 88	27. 27	38, 28	23. 84	36.72	218. 19
	11. 40	11. 48	26. 90	36. 86	22. 86	36. 22	21. 80	41. 16	208. 68
	12. 76	12. 20	30.00	39. 86	24. 03	38. 22	21. 56	42. 12	220, 75
	13. 40	13. 60	30. 90	45. 02	26. 28	40, 40	28. 16	38. 76	236. 52
	12.76	12. 12	27. 30	36. 92	23. 13	35.90	21.96	41. 52	211. 61
	13.80	13. 76	32. 60	47. 32	26. 55	44.06	28. 32	39. 72	246. 13
	11.96	11. 88	25. 00	40. 12	23. 58	36. 62	26. 76	34. 44	210. 36
	11. 24	11.48	29. 00	38. 32	24. 39	37. 76	26.00	40. 80	218. 99
	12.36	11.72	32. 50	41. 28	24. 93	45. 32	21. 80	39. 96	229. 87
	12. 24	12.08	34. 60	44. 26	26. 19	43.92	25. 80	40. 56	239. 65
	14. 08	12. 64	33. 30	44. 12	25. 56	41.14	23. 08	40. 08	234. 00
	13. 88	12. 96	34. 70	46. 74	29. 88	45. 12	29. 12	39. 84	252. 24
	11.68	11.96	27. 10	36.00	23. 22	42.72	22. 32	39.12	214. 12
	12.96	12.88	34. 30	43.32	26. 19	43. 42	23. 48	42. 36	238. 91
	13.96	11.72	30. 10	36. 86	23. 58	37.14	21. 04	40. 92	215. 32
	13. 76	13.04	34. 90	44. 64	29. 43	43.92	26. 76	39. 84	246. 29
	14.00	12.88	31.00	45. 00	25. 56	40. 18	25. 44	39. 60	233. 66
	13. 08	11.76	33. 60	47. 68	27. 81	45. 18	21. 16	36. 12	236. 39
	13. 88	13. 08	33. 40	45. 22	28. 17	45. 12	28. 80	44. 40	252. 07
	12. 52	12. 48	27. 90	39. 52	24. 93	39. 14	22. 52	41. 04	220. 05
	12.48	11.60	28. 30	38. 56	23. 40	39. 64	24. 92	40.80	219. 70
	13. 28 11. 52	12. 80 12. 60	31. 10 28. 40	42. 72 39. 66	26. 01 25. 11	41. 54 38. 50	22. 32	39. 96	229. 73
	13. 44	13. 36	32. 60	39. 00 42. 94	25. 11	38. 50 41. 42	21. 32 27. 88	37. 20	214. 31
	13. 92	14. 28	37. 40	51, 48	32. 22	51. 24	30.64	38. 40 42. 24	235. 24 273. 42
	13. 00	12. 56	31. 80	43. 80	26. 82	43. 62	28. 88	40. 56	241. 04
	14. 68	13. 24	37. 10	51.66	31. 41	50. 96	27. 92	40.80	267. 77
	12.76	12.88	30. 20	43. 86	27. 18	42.84	22. 84	37. 92	230. 48
	11. 68	11. 28	27.40	38. 62	24. 84	37. 64	25. 72	37. 32	214. 50
	12.16	11.00	30, 60	38. 66	23. 76	40. 52	21. 44	36. 60	214. 74
	14. 36	13. 56	33. 70	48. 22	31. 50	50.18	30. 32	41. 28	263. 12
	13.76	12. 68	32, 30	39. 96	25. 47	38.54	26. 84	,42.60	232. 15
	13. 32	12.00	34. 90	40. 38	27. 09	41. 52	25. 20	40. 92	235. 33
	13. 56	12, 84	33. 20	45. 48	28, 80	45.04	28. 36	41. 28	248. 56

Merit roll of the midshipmen of the present first class (class of 1926) for the

Order of gen- eral merit for	Names	State from which appointed	Date of admission	dat	e at e of ission	Sea service in practice ships	
aca- demic year				Years	Months	Months	Days
104 132	Burr, Richard SouthwickBusck, Vilhelm Klein	Maine District of Co-	July 11, 1922 June 16, 1922	17 18	2 6	8	11 15
236	Busey, Francis Lee	lumbia. West Virginia	June 20, 1922	17	7	8	11
314	Bushnell, Wilfred	New York	Aug. 2, 1922	19	8	8	11
171	Butler, Arthur Howard	Texas	June 15, 1922	18	11	8	11
214	Butler, Frank Thrasher	Oklahoma	July 6, 1922	20	0	5	15
98	Byrne, James Francis		June 14, 1922	18	6	8	11
437	Caldwell, Earl Stevens	Illinois	Sept. 2, 1922	19	0.	8	11
448 115	Callahan, Joseph William Campbell, Donald Gillette	Montana Michigan	June 21, 1922 July 11, 1922	18 17	0	8	11 11
255	Campbell, George William	Illinois	June 13, 1922	19	11	5	15
289	Campbell, Gordon	At large	June 16, 1922	16	9	5	15
122	Campbell, Neil Robert	Michigan	July 3, 1922	17	5.	5	15
167	Carlson, Spencer August	Oregon	June 14, 1922	18	6	8	11
168	Carmody, Francis Xavier, jr	New York	do	18	10	5 8	15
455 376	Carpenter, Charles Lorain	Pennsylvania New York	June 16, 1922 June 20, 1922	19 18	11 5	8	11 11
443	Carroll, Charles Richard	Montana		19	6	5	15
118	Cavenagh, Robert William	Ohio		17	8	8	11
331	Cease, Lysle Willard	Pennsylvania	do	18	9	, 8	11
274	Cecil, Alexander Brabson	Missouri	Aug. 8, 1922	20	0	5	15
188	Claiborne, Henri de Balathier	Louisiana	June 13, 1922	18	10	8 8	11
453 238	Clark, Murray Whitney	New York	June 28, 1922 June 24, 1922	17 18	11	5	11 15
250	Clay, Mark Wellington	Minnesota	June 14, 1922	18	5	8	11
*32	Clement, Chester Lee	Nebraska	June 20, 1922	19	2	8	11
410	Cochran, Joe Brice	North Carolina.	July 3, 1922	18	5	5	15
441	Combs, Birney Cedric	Vermont	July 8, 1921	18	8	8	11
339 323	Conley, Thomas Francis, jr	Connecticut	June 16, 1922	17 19	8 4	8 5	11 22
185	Cooper, Jacob Elliott Cooper, William Goodwin	Georgia	July 8, 1921 June 13, 1922	18	11	8	11
422	Corbin, Clifford Thomas		Sept. 9, 1921	20	1	11	9
112	Cornell, Kenneth Hall	New York	June 14, 1922	17	11	5	15
300	Cox, Gideon Adolph		June 16, 1922	18	8	8	11
328	Craig, Kenneth		Aug. 15, 1922	19	10	8	11
347 214	Crandell, Donald Allen	Ohiodo	Sept. 11, 1922 July 3, 1922	20	5	5 8	15
148	Crawford, Mortimer Shepard	New York	June 21, 1922	16	11	8	11
105	Crider, Lloyd Austin	Ohio	June 15, 1922	17	7	5	15
367	Crissman, George Godfrey	Missouri	June 14, 1922	19	10	8	11
304	Crombe, Charles Edwin, jr		Aug. 15, 1922	17	9	8	11
377		New York	June 20, 1922	18	4	5	15
393 335	Crowley, Ambrose Francis		June 21, 1922 June 23, 1921	18 19	5	8	11
446	Custer, Benjamin Scott	Georgia	June 14, 1922	17	3	8	11
271	Davis, Earle Sutherland	Virginia	Sept. 2, 1922	18	1	8	11
46	Davisson, Frederick Augustus	Georgia	June 17, 1922	17	8	8	11
203	Day, Charles Newton	Pennsylvania	June 20, 1922	18	8	5	15
343	DeWolfe, Robert Rathbun	Massachusetts	June 30, 1922	19	3	7	1
318 354	Dickey, Ward Elliott Dietrich, Henry Thornton	Pennsylvania Ohio	June 23, 1922 July 3, 1922	18	10	8 5	11 15
60	Dodson, Edward Ney, ir	Maryland	Sept. 12, 1922	17	8	- 8	11
208	Dolan, William Augustine, jr	Ohio	June 20, 1922	18	0	8	11

third year of their academic course-466 members-June 1925-Continued

S	eaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggre- gate third year
				1	Maximum				100
	16	16	40	56	36	56	32	48	300
	13.40	12. 32	34. 70	43. 20	26. 55	43. 60	25. 64	40. 32	239. 73
	14. 20	12. 88	32. 90	44. 60	26. 28	41. 24	24.00	41. 16	237. 26
	12. 28	11. 88	30. 50	44. 22	25. 56	38. 88	23. 76	39. 62	226. 70
	12. 76	12. 16	29, 50	37. 92	25. 56	40. 10	22. 04	39. 62	219.66
	13. 40	13. 08	29.30	42.00	24. 93	40. 76	28. 80	40. 32	232. 59
	12. 68 12. 88	11.96	32. 40 34. 20	41. 92 42. 12	27. 27	40. 58	24. 76	37. 56	229. 13
	11.88	12. 80 11. 08	27. 20	34.34	26. 64 22. 59	44. 38 35. 96	26. 32 25. 00	41. 16 39. 12	240, 50 207, 17
	11, 52	11.04	26. 80	36. 72	23. 22	37.62	20. 84	37. 80	205. 56
	13. 08	12. 52	34. 10	45. 18	26. 64	41.46	26.44	39. 60	239. 02
	12. 40	12.36	30.00	40. 36	24. 93	39. 02	22, 96	42. 84	224. 87
	12.60	12. 28	33. 00	38. 48	22.77	41. 10	21.00	39. 72	220. 95
	13. 80	12. 80	32. 30	44. 92	27. 00	44. 14	22. 60	40.68	238. 24
	12. 64	12. 96	31. 70	42.04	25. 83	43. 02	25. 12	39. 84	233. 15
	13. 44	12.40	35. 20	42.84	26. 82	41. 92	23. 80	36. 72	233. 14
	11. 08 12. 08	11. 72 10. 96	27. 00	37. 60	23, 40	38. 48	21. 04	33. 96	204. 28
	12. 08	10. 96	33. 00 26. 80	36. 64 35. 80	23. 04 22. 86	37. 96 36. 22	22. 12 23. 76	38. 88 39. 12	214. 68 206. 36
	12. 88	12.48	30. 50	42. 58	25. 65	41. 94	28. 60	43. 92	238. 55
	12. 32	12. 08	28, 90	40, 44	26. 28	39, 92	23. 60	34.80	218. 34
	12. 56	12. 28	26. 40	41. 28	24. 12	38. 52	26. 20	41. 40	222, 76
	13. 12	12. 00	31. 10	41. 58	23. 76	40. 94	28. 20	40. 44	231. 14
	11. 92	11. 92	28. 10	37. 00	24. 21	36.44	21. 64	33. 24	204. 47
	12. 28	11. 96	31. 70	40. 02	25. 38	41. 58	22.68	40. 92	226. 52
	12. 04	11. 48	29. 10	40. 86	25. 92	39. 18	28. 36	38. 28	225, 22
	14.48	13. 28	36. 40	47. 98	30. 15	46. 24	28. 32	40. 20	257. 05
	11.64	11.84	28. 40	37. 96	22. 05	37. 80	21. 44	39. 96	211. 09
	12. 36 11. 68	10. 96 11. 04	26. 30 30. 10	38. 06 38. 24	22. 86 25. 74	36.88	21. 24	38. 28	206. 94
	11. 88	11. 64	29, 10	37. 32	24. 21	39. 42 37. 22	25. 88 24. 16	35. 52 43. 56	217. 62 219. 09
	12.64	12. 04	33. 80	41. 02	25. 92	43. 24	23, 32	39. 36	231. 34
	11. 80	11.72	27. 50	38.62	23. 13	37. 48	21, 68	38.40	210. 33
	13.48	12. 28	29. 70	44. 50	27. 00	40.88	30. 20	41. 16	239. 20
	13. 28	11. 84	30.70	39. 10	24. 21	38. 28	22. 56	40. 56	220. 53
	12.68	12.08	28. 70	38. 92	23. 94	37. 84	22. 00	42.48	218.64
	12, 52	12.00	29. 50	40. 12	23. 22	38. 06	21.60	40. 08	217. 10
	12, 92	12. 56	29, 90	42. 48	25. 65	39. 62	28. 08	37. 92	229. 13
	13. 00	12. 52	32. 80	42.48	23. 94	40. 50	29. 60	40. 56	235. 40
	13. 60 12. 68	13. 16 11. 80	33. 90 26. 20	46. 86	25. 02 23. 94	43. 56 38. 54	23. 60 21. 20	39. 96	239.66
	13. 20	12. 04	29. 00	41. 74	23. 58	39. 22	21. 20	39. 36 39. 48	215. 08 220. 18
	10. 76	11. 24	27. 60	40. 24	27. 36	40. 24	23. 32	33. 84	214. 60
	11.80	11. 64	29. 20	35. 84	22. 50	36, 64	25. 72	39. 84	213. 18
	11. 68	11.96	30. 50	37. 82	24. 03	37. 04	26. 24	38. 76	218, 93
	11. 40	10. 72	27. 60	36. 26	22. 59	36. 34	21. 52	39. 60	206.03
	12. 52	12.48	27. 60	38. 36	24. 39	38. 20	29. 40	40.08	223. 03
	14. 32	13. 44	36. 10	47. 58	26. 55	46. 80	26. 80	42. 00	253. 59
	12. 88	12.96	30.70	40. 84	25. 11	41. 56	26. 56	39. 60	230. 21
	13. 32	12. 12	27. 00	42, 58	24, 30	40. 20	20. 88	37. 08	217. 48
	12.68	12.60	29. 20	38. 56	24. 66	38. 50	24. 04	39. 24	219. 48
	12. 08 13. 12	11. 56 13. 84	29 40 37. 80	41. 94 44. 76	23, 94	40. 16	21. 12	36. 24	216. 44
	10. 12	10.01	31.00	12. /0	29, 25	47. 20	23. 00	40, 80	249. 77

Merit roll of the midshipmen of the present first class (class of 1926) for the

Order of general merit for	Names	State from which appointed	Date of admission	dat	e at e of ission	Sea se in pre	ervice actice ips
aca- demic year				Years	Months	Months	Days
281 311 390 206 2541/2 55 427 263 245 287 247 258 284 217 153 411 268 78 157 59 460 *30 450 129 218 227 150 *3 77 407 *12 233 256 301 175 178 254	Donahue, Francis James Dow, Leonard James Dudley, Paul Lee Duerfeldt, Clifford Henderson Duke, John Martindale Dunlap, Stanton Baldwin Dunn, Charles Carroll Durham, Ritchey Lee Dyer, Walter Leo Dyer, William Lansdale Eakens, John Callahan Ebert, Hilan Eddy, William Crawford Edwards, Heywood Lane Elliott, Eddy Wilbur Elliott, Thompson Phelps Ellis, Robert Beaman Ellison, John Henry Ericson, Ramond Calvert Eskilson, Eskil Theodore Estep, George Moore Evenson, Marvin Pabodie Farrow, Henry Fisher, Edgar Derry Fitzsimmons, John Patrick Fleming, Morton Klyne, jr Flippin, Royce Norwood Floyd, William Orrin Foltz, George Wallace Fooks, Armwell Long Forest, Francis Xavier Forsberg, Carl John Foster, John Golden, jr Fountain, Frank Fremont Fox, Jouglas Harold Fox, James Beatty Fradd, John Ernest	Missouri Oklahoma Nebraska Tennessee Illinois Colorado Arkansas Maine Mississippi Texas Ohio New York Texas Colorado Maryland North Carolina Massachusetts Montana Illinois Pennsylvania Iowa Alabama Nebraska Illinois Montana Kentucky California Minnesota Delaware Massachusetts Illinois Georgia Kansas Michigan Ohio New Hampshire	July 6, 1922 June 20, 1922 June 13, 1922 June 20, 1922 June 13, 1922 June 21, 1922 July 19, 1922 June 13, 1922 Aug. 16, 1921 Aug. 8, 1922 June 20, 1922 Aug 19, 1922 Aug 19, 1922	17 20 17 19 19 16 6 18 19 19 17 7 18 18 19 19 19 10 16 18 19 19 19 17 18 18 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	3 1 8 9 4 6 2 2 8 3 10 5 5 4 11 1 2 2 8 1 2 2 9 2 4 1 1 6 6 9 0 5 5 3 7 7 4 7 2	5 8 8 8 5 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8	15 2 11 15 15 11 15 16 11 11 11 11 11 11 11 11 11 15 11 11 11
361 232 222 190 297 186½ 291 127 269 373 50 249 273 262	Fratzke, Walter Edwin Fravel, Harold Albert. Frederick, Theodore Ridenour French, Louis Eaton Frost, Laurence Hugh Fuller, Wallace Watt Fullinwider, Ranson Gallaher, John Francis Gano, Roy Alexander Gerth, William Anthony Gilmore, Howard Walter Gladding, Douglas Victor Gladding, Warren Evarts Glick, John Albert	Minnesota New Jersey New York Connecticut Arkansas New York Illinois Maryland Minnesota New York Louisiana Rhode Island New York Arizona	Sept. 2, 1922 June 20, 1922 July 3, 1922 June 13, 1922 June 13, 1922 June 22, 1922 June 16, 1922 June 15, 1922 June 14, 1922 June 20, 1922 June 20, 1922 July 18, 1922 July 6, 1922 July 6, 1922	19 19 17 18 19 19 16 18 19 17 19 18 17	8 3 11 7 11 4 8 2 6 4 9 11 4	8 8 8 8 5 5 8 5 5 8	11 11 11 11 11 15 11 15 15 11 15 11 15
230 73	Goldman, Robert BoggsGotjen, John Herman, jrGraf, Frederic August	New Jersey South Carolina Indiana	June 15, 1922 June 20, 1922	18 18 18	4 4 8	5 8	15 11 11

third year of their academic course-466 members-June 1925-Continued

8	Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggre- gate third year
				1	Maximum				300
	16	16	40	56	36	56	32	48	300
	12. 64	11. 96	28, 80	39. 28	23. 31	36. 98	26. 92	41. 88	221. 77.
1	13.40	12. 12	29, 60	40. 46	22, 59	38. 28	22, 24	41. 16	219.85
	11. 48	11. 96	28, 50	38. 88	23. 04	37. 24	21. 56	40. 92	213. 58
	13. 16	12.08	32, 50	42, 18	25, 20	44. 06	22. 80	37. 92	229, 90
1	13.00	12. 12	29.60	39, 24	25. 92	38. 74	24, 40	41.88	224. 90
	13. 92	14. 08	35. 10	44. 78	27. 99	44. 56	29. 44	40. 92	250, 79
	12. 32	11. 56	29. 30	38. 96	23. 67	36. 58	20. 60	36. 36	209, 35
	12. 16	11. 88	32. 10	39. 20	24. 57	40. 40	22. 60 22. 40	40. 92 37. 68	223, 83
1	12. 56 12. 52	11. 52 12. 12	33. 30 30. 70	38. 56 40. 94	26. 64 26. 19	42. 90 38. 92	22. 40	37. 68	225, 56 221, 15
1	12. 52	12. 12	29. 30	40. 94	25, 38	40, 42	24. 76	38. 28	221. 13
	13. 12	11. 92	29. 80	42, 50	25. 02	41. 38	23. 12	37. 44	224, 30
	13. 12	12.80	29. 40	41. 30	23. 85	37. 98	22. 28	40. 56	221, 29
1	12, 80	12. 28	34, 20	40. 54	25, 92	41. 06	25. 20	37. 08	229. 08
	13.00	13. 32	33, 00	43. 80	25, 02	42. 76	23. 04	41. 16	235. 10
	12.32	11. 24	28. 70	37. 52	23. 94	39. 58	22, 24	35. 52	211.06
	11. 96	12, 24	30, 10	40, 12	24, 84	38. 74	23, 04	42, 48	223. 52
	13. 52	13.00	32. 30	45. 52	26. 64	43. 94	29, 24	41. 40	245. 56
1	13. 28	11.88	32. 30	46. 46	25. 56	41. 48	27. 56	36. 00	234, 52
	14. 04	13. 28	35, 50	45, 52	26. 82	45. 00	28, 52	41. 52	250, 20
	10. 52	10.40	25. 50	35. 32	22, 86	34. 88	20. 64	40. 68	200.80
	14. 52	14. 28	35. 00	48.14	28. 17	46. 72	28. 96	42. 12	257.91
	12.08	11.56	26. 00	36. 60	22. 77	34. 42	23. 48	38. 40	205. 31
	13. 20	12. 48	32. 40	44. 38	27. 63	42. 60	24. 52	40. 20	237. 41
	12. 68	12. 16	32. 80	39. 10	23. 94	39. 72	24. 72	43. 92	229.04
	13. 48	11.84	32. 40	39. 78	27. 36	40. 14	21. 24	41. 52	227. 76
	12.04	12. 80	30. 10	39. 74	25. 92	40. 80	27. 08	46. 76	235. 24
	14. 84	14. 16	36. 50	49. 96	32. 94	52. 58	29. 36	43. 56	273. 90
	12. 80	12.80	32. 60	45, 74	30. 78	45, 52	24, 96	40, 20	245. 40
	12. 40	11.84	28. 80	36. 66	24. 21	37. 32	22. 04	38. 28	211. 55
	14. 48	14. 04	36. 50	48. 70	32, 22	46. 76	31. 44	42. 60	266.74
	12. 64	12. 20	29. 60	41. 58	24. 57	39. 70	23. 08	43. 56	226, 93
	11.96	12. 24	29. 90	42. 22	24. 84	41. 46	22. 64	39. 60	224, 86
	11.84	12. 68	32. 20	39. 42	25. 56	41. 80	22. 32	34. 68	220, 50
	12. 40	12.80	30. 70	42. 46	26, 82	44. 04	23. 96	39. 24	232, 42
	13. 36	12.36	30. 00	45. 26	24. 12	40. 24	27. 04	39. 84	232, 22
	12. 68 12. 08	12. 56 11. 84	29. 40 30. 00	41. 32 38. 82	25. 11	38. 76 37. 78	25. 92 24. 76	39. 36 36. 24	225, 11 215, 82
	12. 56	11. 92	30. 30	42, 62	24. 30 27. 18	41. 32	24, 76	36. 84	226. 94
1	13. 28	12. 16	30. 80	41. 42	24, 39	40. 34	25. 20	40. 92	228, 51
1	12. 92	12. 10	34. 40	41. 72	25. 38	43. 06	23. 20	37. 56	230. 96
1	11. 88	12. 32	28. 10	38. 68	26, 28	40. 16	24.72	38. 52	220. 62
1	13. 04	12. 48	30.00	43. 66	27. 90	41. 62	26.48	36. 00	231. 18
11	12, 40	12. 40	31. 70	39. 86	23. 94	39.06	21. 48	40. 08	220. 92
	14. 00	13. 28	32. 70	44. 86	26. 64	42. 56	24, 12	39. 48	237. 64
	12.88	11.96	30. 70	39. 50	24. 57	37. 92	26. 00	39. 96	223. 49
	11.36	11. 76	28, 30	40. 64	23. 67	39. 62	24. 20	35.40	214. 95
1	13. 96	13.76	36. 20	46. 66	28. 98	47. 42	26. 68	38. 52	252. 18
	13. 08	12.08	30. 50	41. 04	24. 66	40.04	24.48	39.36	225, 24
	12.68	12, 20	29. 90	40. 64	25. 29	41. 32	25. 68	35. 16	222, 87
	12. 32	11.40	29. 30	38. 80	25. 56	37.66	28. 00	40.80	223, 84
	14. 16	13. 40	37. 40	49. 18	29. 34	47, 86	28, 68	40. 20	260. 22
	13. 52	11.60	31. 00	41. 22	25. 11	41.36	25, 44	38.04	227, 29
1	12. 96	13. 36	34. 10	45.82	29. 34	45.44	26.32	38, 88	246. 22

53023--25†----5

-			1	1				
	Order of gen- eral merit for	Names	State from which appointed	Date of admission	Age dat admi		in pr	ervice actice ips
	aca- demic year				ars	Months	Months	ys
	-0		7		Years	Mo	Mo	Days
	67	Graff, John Scott	Illinois	June 28, 1922	16	11	5	15
	163	Graham, Chester Baird	New York	July 11, 1922	18	3	8	11
	108	Grant, Etheridge	do	June 14, 1922	20	0	8	11
	66	Greenacre, Alvord John	Illinois	June 13, 1922	18	6	5	15
	325	Greene, Harry William	New York		17	2	5	15
	197	Greenslade, John Francis	At large	June 16, 1922	17	10	8	11
	*6	Greenwald, James Andrew, jr.	Ohio	June 14, 1922	20	2	5	15
	89	Grenfell, Elton Watters	Massachusetts		18	7	8	11
	229	Greytak, John Joseph	Pennsylvania		20	1 9	8	11
	440 438	Griggs, Gale Emerson	Nebraska Pennsylvania	Aug. 8, 1922 June 15, 1922	· 17	4	5 8	15 11
	121	Grover, Paul Merritt	New Hampshire	June 25, 1921	16	3	5	15
	75	Gsell, Henry Harrison	Missouri	Sept. 2, 1922	18	7	5	15
	329	Gulick, Roy Moyer	Pennsylvania	July 12, 1922	18	3	8	11
	2761/2	Gunther, Louis Everett	Michigan	July 11, 1921	18	6	8	15
	413	Gurney, Marshall Barton	Maine	June 20, 1922	19	2	5	15
	302	Habel, Norman Joseph	South Carolina		18	11	8	11
	294	Haerlin, Fred Louis, jr	New Jersey		17	8	8	11
	290	Hains, Hamilton	At large		18	0	5	15
	191	Halloran, Thomas Francis	Rhode Island		18	0	8	11
	242	'Haman, Claude William	California	July 3, 1922	19	2	8	11
	387	Hamberger, DeWitt Clinton Ellis	At large		19	2	5	15
	248	Hamrick, Roy Noble	Georgia		18	10	8	11
	*34	Hart, Charles Broderick	Idaho	June 13, 1922	17	7	8	11
	419	Haskin, Joseph Robert, jr	California	do	19	4	8	2
	270	Havard, Valery, jr	Connecticut	do	17	3	8	11
	252	Helfrich, Norman Alexander	Illinois	June 16, 1922	17	5	8	11
	422	Helmick, Guy Benton	Missouri	Sept. 2, 1922	19	6	8	13
	169	Henderson, Lofton Russell	Ohio	July 11, 1922	19	2	8	11
	345	Hill, Owen Hollis	Virginia	June 20, 1922	17	9	8	11
>	400	Hodgskin, Henry Titus, jr	Pennsylvania		18	1	5	15
	432	Holeman, Neville Goodloe	Kentucky	July 11, 1922	17	2	8	11
	436	Hollenbeck, Robert Hope	Illinois	June 16, 1922	18	7	8	0
	212	Hollingsworth William Right	Florida	Sept. 25, 1922	19	1	5	15
	461	Holt, Norman Lloyd	Montana	June 14, 1922	20	2	8	11
	41	Honaker, Walter Wellington	Kentucky	June 13, 1922	19	1 7	8	11
	93	Horne, Charles Frederick, jr	New York	July 18, 1922	16	7	5 8	15
	408 225	Howel Irving Hole	Illinois	June 28, 1921	17	5 2	8	18
	225 352	Hufty Malcolm Alexander	Kontucky	June 14, 1922 Sept. 2, 1922	19 18	10	5	15
	198	Hufty, Malcolm Alexander Hull, Jesse Lyle	Kentucky Missouri	June 26, 1922	19	2	8	11
	*27	Hutchins, Carlton Barmore	New York		17	10	7	21
	359	Hutchinson, Edward Shillingford.	Pennsylvania	June 28, 1922	18	4	5	15
1	308	Jackson, Charles	Indiana	Sept. 2, 1922	18	ō	8	11
1	123	Jackson, Ed Hughes	Georgia	do	18	9	8	13
	173	Johnson, Doir Curtis	Idaho	June 22, 1922	19	7	8	11
	299	Johnson, Robert Ruffin	Michigan	June 16, 1922	19	11	8	11
	421	Johnston, Harry Darlington	New York	June 20, 1922	17	0	8	11
	445	Jones, Carroll Burgess	North Dakota	June 14, 1922	19	7	5	15
	109	Jones, Fielder Allison	Oregon	June 24, 1921	17	8	8	3
	240	Jones, William Thomas	California	June 16, 1922	18	2	8	11
	166	Jordahl, Russell Nelton	Iowa	July 3, 1922	18	9	5	15
	213	Jordan, Thomas Branch	Virginia	June 21, 1922	19	9	8	11
	159	Joyce, Allen Raymond	New Jersey	June 15, 1922	19	9	8 !	11

third year of their academic course—466 members—June 1925—Continued

Seaman-	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggregate third year
			Z.	Aaximum				
16	16	40	56	36	56	32	48	360
13. 16	13.64	34.40	44, 48	27. 99	45. 06	28. 60	40. 20	247. 53
11.80	11, 92	35.40	40.68	27.09	40. 76	. 30. 28	35. 76	233.69
13. 76	11.48	32.30	45. 52	. 28.44	43.78	25. 52	38. 76	239. 56
14. 36	13. 32	31.40	47. 20	28. 62	45.42	28. 96	38. 52	247.80
11.88	11.80	31.80	38. 10	24. 12	37. 92	26. 36	36. 96	218.94
12. 96	13. 96	30. 30	42.62	24. 30	41, 28	21.36	43.80	230. 58
14. 48 13. 48	13. 92	36, 70 34, 20	50. 50	31. 86 26. 82	50.88 42.50	26, 60	43. 32 42. 12	271. 90
13. 48	13. 48 13. 20	34. 20	43. 72 39. 48	26. 82	39.74	26. 56	39. 84	242, 92
11.40	11. 56	28. 90	36. 78	23. 22	36. 18	21. 24	37.68	206. 96
12.16	11.52	27. 00	36. 78	22. 68	36.42	21. 72	38. 88	207. 16
13. 28	13. 32	34. 90	39. 96	26, 82	41. 58	27, 96	40. 56	238. 38
12. 68	13.00	33. 20	48. 64	30. 24	45. 56	22. 84	39, 84	246.00
12. 00	12. 00	30. 40	37. 78	22. 95	39. 54	21, 92	41. 88	218, 47
13. 00	11.88	30. 50	41.72	25. 02	39. 20	22. 40	38. 64	222.36
12.04	12, 76	28.00	37. 28	23. 04	40. 10	21. 64	36. 12	210. 98
12. 72	12.88	27. 20	39.50	24, 03	38. 36	27 48	38. 28	220.45
12. 16	12.08	29. 00	38.88	25, 65	38, 72	25, 88	38.40	. 220.77
12.92	12.44	30. 10	42.16	22, 95	37. 88	21. 56	40. 92	220. 93
13. 28	12.44	32. 60	39. 70	24. 21	40.48	26.60	41.64	230. 95
13. 64	11. 96	29. 20	42. 50	25. 92	40. 22	21.36	40. 92	225.72
12.88	11.88	28. 10	40.98	22. 86	36.00	20. 92	40. 20	213. 82
12. 00 14. 04	12.40	30. 80	41.80	25, 65	39.48	22, 92	40. 20	225. 25
12. 52	13. 32 11. 16	34.70	46. 86 38. 70	29. 43 24. 03	47. 32	29. 64 23. 12	40. 92	256. 23
13. 80	12. 36	30.00	40. 98	24. 03	37. 32 37. 80	25. 56	35. 28 38. 64	210. 53 223. 26
12. 08	12. 44	30. 80	40. 98	25. 92	41. 20	22, 24	40. 20	225. 26
11. 08	11.72	27. 40	39. 92	23. 13	37.40	20, 68	39.00	210.33
13. 12	12,68	29. 60	46.06	25. 74	42, 44	28. 92	34. 56	233. 12
12. 20	11.68	26. 90	37.36	23, 49	39. 90	24.48	41.28	217. 29
12.44	12. 00	29. 10	39.04	23. 58	36. 54	22. 92	36. 60	212. 22
12.36	10.80	28. 10	37.42	23. 04	36.82	21.80	38. 04	208.38
12.60	11.40	27. 60	37. 32	22. 95	37. 04	20.00	38. 64	207. 55
12.60	11.60	31. 10	42.76	27.72	42.30	22. 72	38. 76	229. 56
10.96	10. 92	25. 50	35. 44	23. 40	34. 50	20.80	38. 16	199. 68
13.60	13. 72	35. 00	48. 28	29. 43	46. 42	26. 28	42.00	254. 73
13. 24	12.88	33. 60	45.74	25. 74	43.88	28, 44	38. 88	242.40
11.60	11. 52	26, 20	36. 24	23.40	36. 92	26. 12	39.48	211. 48
13. 20 12. 36	12. 68 12. 00	29. 00 26. 40	43. 32 39. 06	23. 67 23. 58	39. 70 39. 48	26. 32 24. 08	40. 08 39. 72	227. 97
12. 72	12. 76	32. 00	41. 50	24. 84	42. 60	23. 20	40. 92	216. 68 230. 54
13. 08	12.72	36. 70	46. 40	30, 60	46, 12	29. 56	43, 32	258. 50
11. 08	11, 68	29. 30	38. 72	24. 39	38. 62	21. 44	40. 68	215. 91
12, 52	11. 20	31. 30	40. 40	24. 84	37. 74	23. 40	38. 64	220. 04
13. 28	11. 68	34. 30	41. 50	26. 91	44. 74	24, 60	41. 04	238. 05
12.72	12.36 -	33. 40	41. 40	27. 09	41.66	24. 48	39. 36	232, 47
12.76	12. 16	30. 80	40. 28	25. 29	38. 56	24. 12	36. 60	220, 57
12. 00	10. 80	27. 30	36. 22	22. 50	35. 60	27. 04	38. 88	210. 34
12.08	11. 56	26. 70	37. 24	22, 95	35. 56	20.92	39. 24	206. 25
13. 56	12. 28	35. 50	43. 90	29. 52	44. 38	22.96	37. 44	239, 54
13. 32	12. 64	30. 80	43. 20	23. 58	40, 88	22. 96	38. 76	226. 14
13. 44	12. 48	33. 70	44. 12	24. 93	40. 46	24. 84	39. 60	233. 57
12. 16	12. 64	30, 60	40. 64	26. 46	42. 72	23. 20	41.04	229. 46
13. 20	12. 20	30. 20	38, 62	27. 99	45. 24	25. 88	40. 92	234. 25

				1			
Order of gen- eral merit for	Names	State from which appointed	Date of admission	Age dat admi	e at e of ssion	Sea se in pre shi	ctice
aca-		appointed	admission				
demic year				_	shs	ps	
year				Years	Months	Months	Days
				Y	Z	Z	ñ
156	Joyner, Algernon Sidney, jr	North Carolina	June 21, 1922	16	5	5	15
179	Kaiser, Benjamin Franklin, jr	New Mexico	June 20, 1922	19	3	8	11
349	Karpe, Eugene Simon	Louisiana	Sept. 2, 1922	18	0	8	11
234	Katz, Benjamin	Massachusetts	June 15, 1922	18	2	5	15
285	Keady, Louis Emmett	New York	July 12, 1922	18	0	5	15
154	Kelley, Edward Frederick	Massachusetts	June 14, 1922	19	4	8	11
83 405	Kemper, Allen Mauzy	Florida	June 13, 1922	16	3 5	5	15
110	Kenny, William Talty King, Lyman Maurice, jr	Tennessee	June 13, 1922	17 17	9	8	11
174	Klimas, Bernard Edward	New Jersey	June 14, 1922	18	9	5	15
183	Kline, Wendell Fischer	Nevada	June 30, 1922	19	1	8	11
320	Kobey, Theodore Hertzel	Arizona	June 13, 1922	17	9	8	11
195	Kunz, Chester Arthur	Kansas	July 3, 1922	18	4	2	21
394	LaForce, Andrew Hudson	Missouri	June 28, 1922	19	4	8	11
363	Lahn, Jackson Aaron	New York	June 20, 1922	18	2	8	11
404	Lamb, Raymond Starr	Connecticut	June 17, 1922	19	10	5	15
*31	Lane, James Mills	Minnesota	July 7, 1922	17	1	8	11
389 54	Larson, Charles Oscar	Massachusetts North Dakota	June 23, 1922 June 21, 1922	19 16	11 10	8 5	11 15
62	Lee, Fitzhugh, 2d	At large	June 16, 1922	16	10	8	11
336	Lee, Frank Calhoun	Alabama	June 17, 1922	19	1	8	11
235	Leeper, James Edward	Arkansas	June 13, 1922	17	11	5	15
391	LeHardy, Louis Marcel	Georgia	July 19, 1921	16	5	8	18
279	Leigh, Thomas Kenneth	New York	June 14, 1922	16	11	8	11
338	Lentz, August William	New Jersey	Sept. 27, 1922	19	6	5	6
326	Leonard, Edward	Michigan	Sept. 7, 1921	18	3	11	9
451 69	Leslie, Maxwell Franklin Linaweaver, Walter Ellsworth	Washington Maryland	July 18, 1922 June 28, 1922	19 18	10 5	8	11 15
439	Linsley, James Russell, jr		June 17, 1922	19	10	8	11
251	Linsley, Ralph Halsey		June 25, 1921	18	5	8	11
119	Littig, John Stansfield	Iowa	June 21, 1922	19	4	5	15
399	Livdahl, Orlin Lester	North Dakota	June 29, 1922	18	10	8	11
146	Loader, Norman		June 16, 1922	18	10	8	11
342	Logan, Diggs		do	18	8	5	15
111	Long, Augustus Calvin		June 13, 1922	17	10	~ 8	11
170 241	Long, Carleton Grim Lovell, Royal		June 15, 1922 July 11, 1922	17 18	11 8	8 5	11 15
*13	Lovett, Benjamin Barnes	Maryland	June 14, 1922	19	4	8	2
	Compton.						
333	Lowrey, Barron Gray	Mississippi	Sept. 1,1922	17	2	8	11
*5	Lyman, Charles Hunting-	At large	June 17, 1922	18	7	5	15
00	ton, 8d.	Michigan	Tumo 14 1000	17	9		11
90 202	Mabley, Louis Christopher Mackle, Frederick, jr			17 18	3	8 7	11 12
434	MacMillan, Duncan Calvin			17	3	8	11
360	Maddox, Clifton Bogart		June 27, 1922	20	1	8	11
81	Mallach, Joseph Francis		June 13, 1922	17	7	8	11
-3 95	Martin, Lawrence Henry	Pennsylvania	June 15, 1922	19	11	5	15
310	Mason, Jared Arthur		June 22, 1922	19	0	8	11
641/2			June 20, 1922	17	6	8	11
237	May, Eugene Franklin		July 3, 1922	20 19	0 2	5 8	6
350 456	McClelland, John James		July 3, 1922 Sept. 6, 1922	19	1	8	11
45	McClure, Jesse Samuel			19	2	5	15
40	The Clare, seem camaer	1 101100	21, 1922	19	2	0	10

third year of their academic course-466 members-June 1925-Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggre- gate third year
	''		D	Maximum	,			
16	16	40	56	36	56	32	48	300
13.00	12. 28	31. 50	44. 74	26. 73	43. 92	25, 84	36, 60	234. 61
11. 48	12, 04	30. 40	42, 44	29, 97	40. 62	26. 92	38. 28	232, 15
12. 24	11. 84	30, 00	37. 08	24. 21	39. 42	21. 56	40. 56	216. 91
12. 72	12. 80	29. 60	38. 66	23.85	40.04	28. 88 21. 76	40, 20 42, 00	226. 75 221. 27
12. 24 13. 00	12, 32 12, 88	31. 00 32. 20	39. 02 44. 78	24. 03 28. 08	38. 90 43. 96	24. 20	35, 88	234, 98
13. 88	13. 52	34. 60	45, 68	25, 74	43. 34	27. 52	40. 08	244, 36
11. 76	12, 00	28. 40	37. 20	24. 48	38, 72	21, 96	37. 20	211. 72
14. 04	13. 12	34. 50	44, 18	28. 08	44. 30	22. 40	38. 88	239, 50
12.40	12.00	32. 10	42, 48	26, 55	43. 02	24. 40	39. 48	232, 43
13.88	12.88	30. 60	42. 74	25. 56	40. 94	25. 68	39. 24	231. 52
12. 72	12. 44	28. 60	40. 30	23. 76	39. 14	23. 88	38. 40	219. 24
12. 68	12, 24	31. 90	44. 66	27. 63	40. 96	23. 00	37. 68	230. 75
12. 56	11. 12	26. 70	37. 88	24. 93	38, 34	22.00	39, 60	213, 13
11. 88	10. 84	31. 20	35. 90	23. 94	39. 62	25. 00	37. 20	215, 58 211, 73
12. 88 13. 80	11. 80 13. 08	28, 20 35, 60	38, 58 47, 80	23. 31 32. 22	37. 60 46. 32	20. 96 28. 60	38. 40 40. 08	257. 50
12. 32	12. 44	28. 50	37. 46	23. 13	37. 54	22, 96	39. 24	213. 59
13. 80	13, 24	34. 50	46. 18	30. 24	45. 50	28. 64	38. 76	250, 86
14. 28	13, 24	32. 10	46, 46	26. 91	41, 70	30. 80	43, 44	248. 93
12. 72	12. 04	28, 30	41. 84	24. 75	40. 22	23. 00	35. 04	217. 91
12. 64	12.84	30. 70	39. 20	25. 11	41. 88	22. 48	41. 88	226. 73
12.84	11. 76	30. 70	38. 62	23. 13	39. 08	22, 40	34. 92	213. 45
11. 64	12. 76	29. 90	41. 00	24. 75	37. 00	26. 40	38. 52	221. 97
12. 12	11. 80	27. 20	39. 30	22. 86	38. 88	21. 32	44. 16	217. 64
12. 60 11. 56	12, 68	29. 60	40. 98	23, 31	38, 42	21, 00	40. 32	218, 91
14. 40	11. 20 13. 72	26. 90 33. 50	36. 64 46. 96	23. 76 27. 27	36. 08 43. 86	21. 32 26. 24	37. 80 41. 04	205, 26 246, 99
11. 76	11. 00	25. 40	36. 32	22, 50	37. 40	23, 16	39, 48	207. 02
12, 72	11. 88	32. 80	41. 56	25, 02	39. 02	23. 08	39. 12	225, 20
13. 00	12. 56	31. 10	44. 54	26. 82	43. 76	25. 12	41. 64	238, 54
11. 52	11. 92	28, 90	39. 96	22, 95	37. 56	20. 68	38, 88	212, 37
13. 56	12, 28	31. 20	44. 50	25. 20	41. 54	28. 88	38. 88	236. 04
12. 44	12. 08	30, 30	37. 24	23. 40	36. 78	25. 56	39, 72	217. 52
12, 88	13. 84	34. 80	40, 68	26. 91	42.66	24. 52	43. 20	239, 49
14, 16	12. 80	29. 90	43. 04	25. 83	39. 20	26.00	41. 88	232, 81
13. 80 14. 72	13. 00 13. 88	29. 60 36. 10	42. 28 51. 30	24. 57 32. 13	38, 52 51, 10	27. 00 23. 44	37. 08 42. 60	225. 85 265. 27
12. 56	12.76	28. 50	39. 62	24. 21	37. 72	22. 84	39. 96	218. 17
14. 84	14. 48	38. 00	48.60	31. 59	50. 34	31.00	44. 28	273. 13
13, 56 12, 52	14. 56 11. 40	31. 10 32. 20	44. 76 41. 04	29. 61 24. 84	41. 94 43. 84	27. 84 24. 92	39, 36 39, 48	242, 78 230, 24
12. 28	11. 04	28. 80	37. 80	24. 30	37. 20	21. 16	35. 52	208. 10
12, 56	12. 52	28.30	38. 72	24. 48	37.42	24. 20	37. 68	215. 88
13.48	13.04	33.60	44. 74	26. 55	41.46	28. 96	42.84	244. 67
12.08	11. 28	28. 90	36. 72	22. 50	38. 24	23. 80	39. 48	213.00
12.64	11. 80	27. 50	40. 46	25. 11	39. 28	21. 96	41. 16	219. 91
12. 80	13. 04	35. 90	46.06	28. 08	48. 88	25. 24	38. 16	248, 16
12.92	12. 08	29. 80	40.44	25. 56	40. 52	23. 12	42. 12	226. 56
13. 12	11. 96	30, 50	37. 50	22, 50	38. 62	22, 72	39. 96	216. 88
11. 48 13. 92	11, 24 12, 56	25. 10 35. 20	36. 86 48. 40	24. 57 29. 97	37. 40 49. 32	22. 12 25. 12	35. 28 39. 12	204. 05 253. 61

Order of gen- eral merit	Names	State from which	Date of	A ge date admi:	e of	Sea se in pra shi	ctice
for aca- demic year	3,444,6	appointed	admission	Years	Months	Months	ys
				Ye	MC	MC	Days
158	McClusky, Clarence Wade, jr	New York	July 18, 1922	20	2	8	11
80	McCorkle, Francis Douglas	Tennessee	June 30, 1922	19	4	8	11
53	McDill, Alexander Stuart	Wisconsin	June 20, 1922	18	6	5	15
402	McGregor, Donald	District of Co- lumbia.	July 8, 1922	18	8	8	11
344	McKee, Samuel Johnson	Ohio	June 28, 1922	18	9	8	11
135	McKillip, John C. Siemer	New York	June 22, 1922	17	2	5	15
257	McLean, Gordon Alexander	Colorado	June 16, 1922	18	6	8	11
79	McLean, John Boyd	Washington	June 15, 1922	20	1	8	11
315 *28	McMillan, Douthey Gear	North Carolina South Dakota		19	8 7	5 5	15
*14	McQuillen, Francis Jennings Meade, Robert Heber	Indiana	June 15, 1922 June 16, 1922	18 17	1	8	15 11
264	Metzger, Charles Frederick	Vermont	June 20, 1922	18	1	5	15
353	Metzler, Carl Philip	Michigan	June 16, 1922	19	11	8	11
392	Miller, Daniel Byrd	South Carolina	July 3, 1922	17	4	8	11
181	Miller, Lawrence Oberst	North Dakota	June 14, 1922	20	2	5	15
372	Miller, Lewis Robinson	Texas	June 16, 1922	19	9	8	11
337	Miller, Wallace Joseph	Kentucky	June 13, 1922	18	7	8	11
182	Miller, Wayne Hampton	California		18	5	8	11
191	Miller, William, jr		June 16, 1922	17	0	5	15
186	Mills, Donald Lewis	Indiana	Sept. 29, 1922	20	1	8	11
386	Mills, Ernest Parker		June 15, 1922	19 17	10	5 8	15 11
102	Milton, Homer Virgil Moneysmith, Garold Arling			19	6	8	11
417	Montagriff, Bertram Peter			17	2	5	15
416	Moore, Robert Rouse	1		18	0	8	11
87	Morgan, Philip Sidney, jr		July 3, 1922	18	8	8	11
194	Morony, John Joseph	Iowa	June 13, 1922	17	9	5	15
130	Morrison, James Arthur		do	18	3	8	11
275	Moses, Charles William		June 28, 1922	17	11	8	11
412	Moss, James Alexander			18	5	5	4
42 *19	Moureau, Ralph Henning		June 17, 1922 July 3, 1922	17 16	8 4	8	11 11
*26	Mundorff, George Theodore		1	17	4	5	15
*36	Myers, William Girard		1 .	17	8	8	11
154	Nelson, Herning	1		19	3	8	11
141	Newman, John Francis, jr	Kentucky	July 3, 1922	18	2	5	15
214	Nichols, Stanley Gilbert			19	6	8	11
56	Niekum, Philip, jr			17	11	8	11
101	Oakholt, Albert Scribner			19	8 7	5 8	15 11
70 282	O'Beirne, Frank			17	9	8	11
1334	O'Connell, John Ennes			17	3	6	27
272	O'Daniel, Orville, Kenneth		1 -	18	10	8	11
397	Offutt, Anderson			19	8	8	11
261	Ogden, Daniel Maxwell		Sept. 2,1922	19	1	5	15
223	Olsen, Earl Kenneth			19	0	8	11
84	O'Shea, John, jr			17	6	8	11
113	Paradise, Morris Elliott			17	10	5	15
128	Parish, Herman Olliff			18	5	8	11
424	Parr, Marvin Coleridge Parry, Nelson Miles			20 19	2 2	8 5	11 15
458 341	Paschal, Joe Bennett			19	2	8	11
941	Patterson, Ralph Edward			19	5	8	11

third year of their academic course-466 members-June 1925-Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggre- gate third year
			N	1aximum				,
16	16	40	56	36	56	32	48	300
14. 04	12. 16	33. 80	44. 14	26. 46	40, 00	22. 64	41. 04	234, 28
13. 68	12.80	32. 30	45.30	28. 89	44. 92	27. 92	38. 88	244. 69
14. 76	13. 04	33. 90	45. 44	28. 35	45. 34	28. 16	41.88	250. 87
11. 92	11. 52	29. 40	37.44	23. 40	36. 14	23. 40	38. 88	212. 10
12. 48	11.84	29, 90	37, 72	22, 32	40, 24	22. 76	40. 20	217. 46
13. 24	13. 28	32.70	42.06	26. 19	41. 56	28. 60	39. 24	236. 87
13. 12	11. 84	30. 10	41. 50	24. 48	41. 16	22. 80	39. 60	224.60
14. 20	13. 80	34. 20	45. 46	25. 92	44. 08	28.60	39. 12	245. 38
11.72	12. 36	28. 90	42. 24	25. 11	40. 08	21.88	37. 32	219. 61
14. 32	13.48	35. 20	46. 80	29. 43	50. 02	28.84	40. 32	258. 41
14. 04	12. 84	36. 90	49. 32	32. 94	49.64	26. 92	42.48	265, 08
11. 76	11.64	32. 40	38. 86	29.34	44.30	21. 80	33. 60	223. 70
12. 32	12, 28	27. 20	38. 56	24. 03	36. 34	23. 24	42.48	216. 45
11.84	11. 56	28. 50	37. 28	23. 85	39. 42	20.40	40. 44	213. 29
12. 92	12. 08	32. 50	42. 10	28. 17	40. 36	23. 48	40. 20	231. 81
13. 00	11. 60	26. 40	38. 22	24. 75	35. 00	24. 96	41.04	214. 97
12. 12	11.48	31.00	38. 22	23. 40	40.64	24. 04	36.84	217. 74
12. 32	11. 28	31. 80 31. 20	41. 00	28. 17	43. 56	22. 44	41.04	231. 61
13. 68 13. 28	11. 80 12. 80	30. 80	42. 24 43. 64	24. 75 24. 75	40. 52 40. 04	25. 12 24. 96	41. 64	231. 31
11. 92	11. 96	28, 30	41. 36	22. 95	37. 72	21. 60	38. 04	213. 85
12.60	12. 48	34. 70	43. 44	28. 62	43, 20	26. 20	38. 64	239. 88
11. 96	11. 76	29. 30	40. 42	26. 46	39. 44	27. 68	34. 20	221. 22
12. 68	11. 20	28. 80	37. 16	23. 49	37. 06	20. 84	39. 60	210. 83
12. 32	11. 08	28, 90	38. 20	22. 95	37. 24	22. 24	37. 92	210. 85
13.64	12. 36	34.00	45, 02	28. 44	44. 16	27. 24	38. 40	243. 26
12.64	13. 40	33. 00	42.00	25. 11	41. 14	24. 12	39. 36	230. 77
12, 12	12.88	33. 90	42. 72	26.37	45. 64	22. 44	41. 28	237. 35
12.48	12. 80	31. 10	38. 86	24. 30	38. 94	22. 80	41. 40	222. 68
12. 36	11. 24	26. 30	38. 58	23. 58	37. 32	22. 04	39. 60	211. 02
14. 48	13. 40	35, 30	44. 84	29. 16	44. 60	30. 76	42. 12	254.66
12. 96	14. 00	35. 90	52. 50	31. 14	49. 36	27. 48	39. 60	262. 94
14. 40	13. 72	35. 10	48. 78	29. 07	46. 44	28. 40	42. 84	258. 75
13. 56	13. 60	36. 60	48. 10	29. 25	49. 98	25. 40	39. 36	255. 85
12. 76 12. 76	12. 64 12. 96	31. 80 31. 30	43. 66	27. 18 26. 64	44. 14 41. 98	22. 72 28. 68	40. 08 39. 72	234. 98
12. 68	12. 50	32. 00	42. 46 41. 62	24, 57	40. 74	24. 56	40. 44	236. 50 229. 13
14. 40	14. 20	32. 10	47. 46	29. 52	47. 44	24. 60	41.04	250. 76
13. 48	12.84	34. 20	41. 76	27. 27	44. 50	26. 48	39. 36	239. 89
14. 36	12. 96	34. 90	45. 18	27. 90	45.84	23, 48	41.88	246. 50
13. 92	12. 44	27. 50	41. 16	24. 48	38. 82	24.72	38. 64	221. 68
12. 40	11.96	29. 70	39. 12	23. 94	40.06	23. 16	37. 80	218. 14
11. 92	12. 28	29. 40	40.00	22. 77	38. 84	27. 32	40. 40	222. 93
11. 28	12. 04	26. 60	39. 70	24. 12	43. 38	21. 00	34. 32	212. 44
12.84	12. 12	29. 70	40. 48	23. 76	40. 72	22.44	42. 12	224. 18
12. 52	12. 16	33. 70	42.00	27. 09	43. 76	21. 36	35. 76	228. 35
13. 64	13. 04	34. 50	46. 20	28. 26	44. 24	26. 84	37. 56	244, 28
13. 20	12. 80	35. 40	44. 50	27. 63	43. 36	26. 92	35. 28	239. 09
13. 48	12. 36	34, 20	43, 22	25. 38	41. 36	28. 48	39. 12	237. 60
11. 68	12.04	27. 30	38. 66	23. 58	36. 36	22. 28	38. 40	210. 30
11. 96	11. 24	28. 60	36. 36	23. 49	36. 54	21.88	33. 36	203. 43
13. 12 14. 52	12. 68 13. 68	26. 90 32. 20	39. 48 46. 16	23: 58 24, 84	38. 54 45. 54	24. 52 26. 72	38. 76 40. 56	217. 58 244. 22

aca-demic year 196 w 196	Pederson, Oscar	Georgia Indiana Texas At large Nebraska Pennsylvania Virginia New York	June 21, 1922 do Sept. 2, 1922 Aug. 21, 1922 June 16, 1922 June 21, 1922 June 20, 1922 June 14, 1922 June 15, 1922 June 15, 1922 June 22, 1921 June 20, 1921 June 20, 1921	17 19 17 16 17 17 18 19 18 19 18 19	11 1 9 7 10 2 6 9 4 4 2	5 5 8 7 5 8 8 5	15 15 15 11 19 15 11 11 11
*39 448 *20 58 124 358 144 176 292 425 71 219	Perdue, William Edward Perrill, Harlan Knox Perry, Ernest Reide Phares, Jesse Lewis. Pirie, Robert Burns. Poehlmann, Karl Frederick Pohl, Harold John Pottle, Harry Hathaway, jr Pratt, Cleveland Forsyth, jr Price, George Joseph Prifold, George, jr. Prime, Nathaniel Scudder Prins, Winston Charles Early	Georgia Indiana Texas At large Nebraska Pennsylvania Virginia New York	Sept. 2,1922 Aug. 21,1922 June 16,1922 June 21,1922 June 20,1922 June 20,1922 June 14,1922 June 15,1922 June 22,1921	19 17 17 16 17 17 18 19 18	1 9 7 10 2 6 9 4	5 8 7 5 8	15 11 19 15 11
*39 448 *20 58 124 358 144 176 292 425 71 219	Perrill, Harlan Knox Perry, Ernest Reide Phares, Jesse Lewis. Pirie, Robert Burns Poehlmann, Karl Frederick Pohl, Harold John Pottle, Harry Hathaway, jr Pratt, Cleveland Forsyth, jr Price, George Joseph Prifold, George, jr Prime, Nathaniel Scudder Prins, Winston Charles Early	Indiana Texas At large Nebraska Pennsylvania Virginia New York do Pennsylvania New Jersey New York	Sept. 2,1922 Aug. 21,1922 June 16,1922 June 21,1922 June 16,1922 June 20,1922 June 14,1922 June 15,1922 June 22,1921	17 17 16 17 17 18 19	9 7 10 2 6 9 4	8 7 5 8 8	11 19 15 11
448 *20 58 124 358 144 176 292 425 71 219	Perry, Ernest Reide Phares, Jesse Lewis Pirie, Robert Burns Poehlmann, Karl Frederick Pohl, Harold John Pottle, Harry Hathaway, jr Pratt, Cleveland Forsyth, jr Price, George Joseph Prifold, George, jr Prime, Nathaniel Scudder Prins, Winston Charles Early	Texas	Aug. 21, 1922 June 16, 1922 June 21, 1922 June 16, 1922 June 20, 1922 June 14, 1922 June 15, 1922 June 22, 1921	17 16 17 17 18 19 18	7 10 2 6 9 4	7 5 8 8	19 15 11 11
58 124 358 144 176 292 425 71 219	Pirie, Robert Burns Poehlmann, Karl Frederick Pohl, Harold John Pottle, Harry Hathaway, jr Pratt, Cleveland Forsyth, jr Price, George Joseph Prifold, George, jr Prime, Nathaniel Scudder Prins, Winston Charles Early	Nebraska Pennsylvania New York Pennsylvania New Jersey New York	June 21, 1922 June 16, 1922 June 20, 1922 June 14, 1922 June 15, 1922 June 22, 1921	17 17 18 19 18	2 6 9 4	8	11 11
124 358 144 176 292 425 71 219	Poehlmann, Karl Frederick Pohl, Harold John Pottle, Harry Hathaway, jr Pratt, Cleveland Forsyth, jr Price, George Joseph Prifold, George, jr Prime, Nathaniel Scudder Prins, Winston Charles Early	Pennsylvania Virginia New York do Pennsylvania New Jersey New York	June 16, 1922 June 20, 1922 June 14, 1922 June 15, 1922 June 22, 1921	17 18 19 18	6 9 4	8	11
358 144 176 292 425 71 219	Pohl, Harold John	Virginia	June 20, 1922 June 14, 1922 June 15, 1922 June 22, 1921	18 19 18	9 4		
144 176 292 425 71 219	Pottle, Harry Hathaway, jr Pratt, Cleveland Forsyth, jr Price, George Joseph Prifold, George, jr Prime, Nathaniel Scudder Prins, Winston Charles Early	New York	June 14, 1922 June 15, 1922 June 22, 1921	19 18	4	0 1	
176 292 425 71 219	Pratt, Cleveland Forsyth, jr Price, George Joseph Prifold, George, jr Prime, Nathaniel Scudder Prins, Winston Charles Early	Pennsylvania New Jersey New York	June 15, 1922 June 22, 1921	18		8	11
292 425 71 219	Price, George Joseph	Pennsylvania New Jersey New York	June 22, 1921	10	2	8	11
71 219	Prime, Nathaniel Scudder Prins, Winston Charles Early	New York	Tune 20 1022	10	2	8	13
219	Prins, Winston Charles Early			20	1	8	11
			June 15, 1922	18	1	5	15
O.C.			June 14, 1922	18	3	5 8	15 11
96 351	Purvis, Robert Selden, jr		June 16, 1922 June 30, 1921	16 18	0	8	13
120	Pyzick, Frank Peter		June 21, 1922	19	11	5	15
414	Quinn, Charles Henry		Aug. 1, 1922	18	5	8	11
65	Ragsdale, Edmund Melson		June 13, 1922	18	5	8	11
442	Ramsey, Carl Wayne		June 23, 1921	18	8	8	13
415	Ransom, James Wallace		June 14, 1922	18	10	8	11
319	Raugh, James Plummer		July 3, 1922	17	8	8	11
384 283	Redfield, Morgan Reich, Herman		June 24, 1921 June 16, 1922	19 17	10 10	8	13 11
295	Reybold, John Keane		July 13, 1922	19	6	8	11
365	Reynolds, Luther Kendrick		July 1, 1922	16	10	5	15
305	Rhodes, John Lonnie, jr		June 13, 1922	17	5	8	11
321	Rice, Stephen Ewing, 3d		do	16	11	8	11
244	Rimer, Theodore Wesley		June 20, 1922	18	6	5	15
396	Ripley, Henry Fremont		June 15, 1922	17	7	8	11
100 44	Rippey, Owen Taylor Ritchie, Edward Cecil		June 14, 1922 June 14, 1922	17 19	9	5	15 15
68	Roach, Edward Loring Dix, 2d		June 21, 1922	18	3	8	11
322	Robertson, Frank Wright	Missouri	June 23, 1921	18	8	8	11
86	Rodee, Walter Fred	Arizona	Aug. 1, 1922	18	2	5	15
*8	Rodgers, James Hunter	Pennsylvania	June 20, 1922	18	11	8	11
368	Rohweder, Charles Roland	Ohio	Sept. 2, 1922	19	10	8	11
312- 220	Romoser, William Kilian Rozendal, Henry Dirk		July 11, 1922 June 27, 1922	19 20	0	5	15 11
428	Rule, Arthur Richards, jr		June 13, 1922	16	10	8	0
267	Russell, Benjamin Van Meter		July 3, 1922	18	2	5	15
*24	Russell, James Sargent			19	3	8	11
298	Ruth, Ernst August, jr	New Mexico		17	10	8	11
162	Rutledge, William Weaver		Aug. 8, 1922	19	0	5	15
259	Salzman, Elmer Henry	Wisconsin		20	. 3	8	11
398 433	Sands, Tracy Bruton Sarsfield, Eugene Sylvester		June 21, 1922 Sept. 2, 1922	19 20	11 4	5	11 15
355	Schade, George Edward	Pennsylvania	June 15, 1922	19	5	8	11
130	Schaede, Frank Byron	Colorado	June 16, 1922	17	9	8	11
221	Schanze, Edwin Stansbury	Maryland		18	7	5	15
136	Scrymgeour, Harper Duncan	Michigan	July 7, 1922	18	0	8	11
457	Seckendorff, Maximilian Gebhardt		June 15, 1922	18	3	8	11
126 205	Sellers, Abbott Mannie Shanahan, Harold Martin Shanahan,			17 19	8	5 8	15 11

third year of their academic course-466 members-June 1925-Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggregate third year
			1	Maximum				
16	16	40	56	36		32	48	300
12. 76	12. 36	30. 60	40.96	26, 82	41. 12	26. 88	39. 12	230. 62
(a)	(a)	(a)	(a)	(a)	(a)	(a)	41. 40	
14. 96	13. 36	36. 50	49. 64	30. 87	46.00	26. 36	37. 32	255. 01
10. 64	10. 84	28.90	39. 40	23. 22	37. 80	21. 16	33. 60	205. 56
14. 80	14. 24	37. 10	48. 70	30. 06	47. 88	30. 04	39. 48	262. 30
13. 12	13. 64	35. 80	46. 96	28. 44	47. 86	23. 72	40. 80	250. 34
13.96	13. 56	32. 20	43. 04	26. 91	41. 52	26. 00	40. 68	237. 87
11. 84	11. 20	28. 10	38. 78	23. 67	38. 66	22. 88	40. 92	216. 05
12. 52	12.64	31. 00	40. 82	24. 12	39. 94	30. 32	44. 76	236. 12
13. 04	11.60	31. 20	45. 06	26. 19	41. 98	20. 96	42. 36	232. 39
12. 56	12. 20	30. 60	40, 32	23. 49	40. 22	21. 80	39. 72	220. 91
11. 28	11. 44	28.90	37. 26	23. 76	36. 34	20. 96	39. 48	209. 42
14, 56	13. 20	36.00	46.00	27. 72	45. 36	25. 16	38. 40	246. 40
13, 32	13. 08 12. 92	31. 60	44. 26	24. 75	40. 24	23. 76	37, 92	228, 93
13. 44 11. 76	11. 80	32. 60 33. 50	46. 18 38. 32	26. 37 23. 94	42. 60 38. 98	27. 88 24. 00	39. 12 34. 56	241, 11 216, 86
13. 28	12. 48	34. 20	43. 54	25. 94	44. 06	25. 16	40. 68	238. 42
12.96	11. 64	26. 50	37. 32	23. 85	36. 78	23, 28	38. 64	210. 97
13. 84	13. 60	32. 30	42.98	27. 36	44. 38	28. 44	45. 12	248. 02
11.96	11.88	27. 20	35. 66	23. 58	36, 60	23. 32	36.72	206, 92
12. 16	12. 24	29.60	37. 94	23. 94	36. 56	22. 32	36. 12	210. 88
12. 10	12. 56	30. 10	39. 38	23. 04	37. 06	23. 56	41, 28	219. 42
12. 36	11. 76	26, 80	37. 64	24, 03	38. 84	24, 40	38, 28	214. 11
13. 44	12. 40	28. 30	39. 74	23, 94	37. 36	26, 52	39.96	221. 66
12, 64	13, 36	31, 10	39. 16	23, 40	40, 82	23, 56	36, 72	220, 76
12.12	12.64	26. 90	38. 38	24. 75	38, 18	24. 28	37. 92	215, 17
12.48	12.48	29. 20	40. 12	22. 95	38. 34	24. 28	40. 32	220. 17
12. 40	12. 64	31.70	37. 86	25. 74	41. 62	22. 08	35. 16	219. 20
12. 28	12. 56	33. 40	41. 36	23. 49	39. 40	23. 48	39. 72	225. 69
11.76	11. 64	28. 10	38. 38	24. 03	38. 48	21. 96	38. 52	212. 87
11.48	11. 80	31. 20	44. 66	29. 16	43. 58	29. 96	38. 16	240.00
13. 84	14.04	35, 60	48. 94	30. 69	46. 34	27. 08	37. 32	253. 85
13. 12	11. 72	37. 00	45. 00	28. 35	48. 00	27. 16	36. 72	247. 07
12. 92	11. 32	31. 20	35. 60	24. 30	36. 04	29. 28	38. 52	219. 18
13. 08	13. 08	34. 40	45. 62	25. 38	43. 98	28. 08	40. 56	244. 18
13. 96	13. 92	36. 10	50. 88	33. 21	53. 06	27. 56	42.00	270. 69
11. 84	11. 80	30. 20	38. 58	24. 03	. 38. 52	22. 40	37. 68	215. 05
12.72	13. 12	30. 10	40. 30	24. 03	38. 90	23.44	37. 20	219.81
13. 04	11. 76	29. 90	43. 36	27. 18	41. 86	25. 20	36. 60	228. 90
11.72	12. 32	28. 60	40. 46	23. 49	37. 06	21. 00	34. 56	209. 21
12.76	13.00	31. 10	39. 20	25. 11	38. 56	23. 52	40. 32	223. 57
14. 16	13. 56	35. 30	50. 32	30. 87	47. 14	28. 12	40. 56	260. 03
12. 24	11. 68	29. 10	41. 12	24. 66	38. 10	26. 36	37. 32	220. 58
12. 64 12. 24	11. 84 12. 28	31. 40	43, 48	26. 64 24. 21	41. 12	26. 08	40. 68	233. 88
12. 24		33. 30	38. 90		41. 08	22.80	39. 48	224. 29
12. 12	11. 24	28. 00	37. 40 37. 60	23. 40 23. 13	37. 64	26. 00 21. 44	36. 60	212.40
12.00	11. 56 11. 76	28. 20 28. 80	40. 82	23. 13	35. 48 38. 70	21. 44	39. 12 38. 52	208. 33
12. 00	13. 76	30. 80	40. 82	23. 13	38. 70 40. 94	28. 60	38. 52	216. 41 237. 35
11.48	11. 12	28. 80	43. 18	29. 79	40. 94	28. 60	40. 44	228. 81
12. 20	11. 12	32, 70	42. 24	27. 36	42. 10	25. 76	41. 88	236. 86
11. 32	11. 28	26. 30	35, 48	23. 67	36, 98	23. 68	34. 92	203. 63
13. 16	13. 08	32, 00	44. 12	26. 64	40. 18	27. 20	41. 40	237. 78
12. 88	12. 68	31. 10	42.38	28. 44	40. 46	22, 72	39. 36	230. 02
							20.00	

53023-25†---6

Order of gen-				A ge date admi	e of	Sea se in pra	
eral merit for	Names	State from which appointed	Date of admission				
aca- demic year				S.I	Months	Months	Z.
Liggi	<u> </u>			Years	Mo	Mo	Days
454 357	Shane, George Leonard	New York Washington	June 15, 1922 June 20, 1922	18 17	6	8 5	11 15
327	Shapiro, Israel David	North Carolina	July 3, 1922	18	9	5	15
152	Shaw, William Robert		July 11, 1922	18	2	8	11
137	Shepard, Seth Armstrong		June 30, 1922	18	3	5	15
362	Shoemaker, John	Arizona	Aug. 1, 1922	19	10	8	11
356	Shofner, James Newton			19	10	8	11
138	Signer, Charles Edward	Illinois	June 13, 1922	19	1	5	15
276	Silard, Con David	Pennsylvania Tennessee	June 20, 1922	18	7	8	11
210 343	Simpson, John Hammond Singleton, Charles Tod, jr	Mississippi		18 17	8	8	11
253	Smedberg. William Renwick, 3d	California		19	9	5 8	15 11
379	Smith, Ralph Dempcy	West Virginia		16	9	8	11
*35	Smith, Sidney Layton	Maryland	June 16, 1922	18	10	5	15
288	Smoot, Otho Perry, jr	Virginia	June 15, 1922	19	2	8	11
40	Snedeker, Edward Walter	Nebraska		19	4	8	11
425	Spencer, Charles Donald	Pennsylvania	June 20, 1922	19	1	5	15
*9	Sprenger, William Conrad	New York	June 14, 1922	17	11	8	11
*21	Stahl, Walter Carl	Idaho	June 17, 1922	17	9	8	11
370	Stanford, Arthur George	Connecticut	June 13, 1922	19	4	5	15
117	Stefanac, Joseph Barnaby	Michigan	Aug. 28, 1922	19	6	8	11
429	Stelter, Frederick Carl, jr	Arkansas	June 13, 1922	19	7	8	11
*11	Stiegler, Oscar	Maryland	June 14, 1922	18	4	5	15
189	Still, Everett Hale	South Carolina	- '	19	10	8	11
64 *33	Stirling, Yates, 3d Stout, Herald Franklin	At large		17	9	8	11
*1	Strain, Charles Lynn	OhioIndiana		19 18	0 5	5 8	15 11
239	Strange, Hubert Ellis	Pennsylvania		18	11	8	11
266	Stratton, Roy Biggs	New Mexico		19	1	5	15
*29	Stroop, Paul David	Alabama	June 15, 1922	17	8	8	11
134	Strother, John Almon	New Jersey	Aug. 8, 1922	18	2	8	11
160	Stuart, Joseph Marcus	Kentucky	June 17, 1922	17	2	5	15
187	Stuart, Lennox Hamilton	New York	June 20, 1922	18	3	8	11
*25	Sullivan, Dennis Joseph	Montana	June 14, 1922	18	9	7	19
228	Summers, Clarence Gibbs, 3d	Pennsylvania	July 11, 1922	18	4	5	15
265	Sweeney, Daniel Joseph	New Hampshre	June 20, 1922	18	6	8	11
374	Sweeney, John Driscoll		do	19	9	8	11
103 *2	Sweetser, Willard Merton	Maine	July 3, 1922	20	1	5	15
94	Taecker, Carroll Hervy	Colorado South Dakota	June 13, 1922 July 14, 1922	17 19	11 2	6 8	4 11
226	Taff, Clarence Orvil	California	June 16, 1922	19	10	5	15
184	Taylor, Ford Newton, jr		June 22, 1922	17	9	8	11
431	Taylor, John Barrett			16	9	5	15
*15	Taylor, John McNay			17	1	5	15
309	Taylor, William Cooper	New Jersey		17	7	8	11
231	Tedder, Fondville Lee	Texas	June 15, 1922	18	8	8	11
*16	Thomas, John Bayard	Ohio	July 6, 1922	17	3	5	15
340	Thomas, Olin Perry, jr	Pennsylvania	June 16, 1922	17	4	8	11
317	Tobelman, Paul Henry		June 17, 1922	18	10	8	11
447	Tompkins, Benjamin Francis			19	- 9	5	15
133	Tucker, Samuel Marion	Mississippi	June 28, 1922	17	4	8	11
369 165	Turek, William	Wisconsin Pennsylvania	June 24, 1921 June 15, 1922	19 18	1	8 5	13 4
306	Vodila, Louis Lawrence			19	10	8	11
000	· ould, would have tellocated		DOP 0. 20, 1922	19	10	0	11

third year of their academic course—466 members—June 1925—Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineering and physics	Languages	Aptitude for the service	Aggre- gate third year
			Ŋ	Maximum				
16	16	40	56	36	56	32	48	300
11.08	11. 28	26. 20	37. 02	23. 13	36. 56	21. 44	37. 68	204. 39
12. 16	11. 72	28. 10	39.00	23. 31	39. 22	22. 84	39. 72	216.07
12. 32	13. 36	30. 60	41. 20	24. 48	40.00	23. 68	33. 24	218. 88
12.96	13. 04	32, 80	41. 58	28, 80	45. 06	22, 36	38. 52	235. 12
12. 84	12. 12 11. 28	31. 50	42. 52 37. 62	27. 36	49. 00 36. 36	20. 68	40. 80	236. 82
12. 00 12. 76	11. 28	29. 70 29. 00	40. 76	22, 50 23, 94	37. 14	27. 88 22. 00	38. 40 38. 88	215. 74 216. 36
12.76	13. 16	33. 50	43.96	25. 92	44. 26	24. 28	38. 52	236. 56
12. 88	12. 56	28. 70	38. 72	23. 40	37. 14	26. 60	42. 48	222, 48
13. 36	11.84	33. 40	40. 52	24. 30	44. 18	22, 24	39. 96	229, 80
12. 96	12.76	28. 30	39. 92	22, 32	37. 94	22. 24	41, 04	217. 48
13. 08	12, 44	28. 10	39. 34	24. 21	39. 40	28. 24	40. 32	225. 13
. 12.68	11. 56	26. 80	40. 50	24. 12	36. 84	22, 36	39. 60	214. 46
14. 24	12, 96	36. 00	51. 50	29. 43	46. 70	25. 44	39. 60	255. 87
12. 20	11. 24	28. 70	40. 62	24. 66	40. 02	24. 16	39. 36	220. 96
13.96	13. 68	33. 70	49. 24	28. 53	46. 18	28. 44	41. 04	254, 77
12. 04	12. 04	25. 00	38. 14	23. 58	36. 34	22. 20	40.08	209. 42
14. 48	13. 96	35. 20	52. 16	33. 93	51. 64	27. 52	41.40	270. 29
14. 44	14. 48	36, 50	47. 78	30. 24	48. 62	27. 92	40. 44	260. 42
11. 72	11. 08	30. 10	36. 78	23. 04	36. 46	28. 64	37. 20	215. 02
12. 60 12. 52	13. 20	32. 10	42, 26	27. 63 23. 31	42.66	28. 40 21. 96	39, 96	238, 81 209, 05
13. 96	11. 76 13. 88	26. 30 36. 80	36. 50 49. 02	32. 13	36. 50 49. 86	29, 28	40. 20 42. 24	267. 17
12. 92	12.40	33, 50	39. 04	25. 11	40.06	28. 56	39. 48	231. 07
13. 28	13. 08	34. 10	44, 46	29, 52	45. 96	25, 20	42. 60	248. 20
14. 28	13. 84	34. 30	50. 04	28. 62	47. 46	27. 64	40. 20	256. 38
14. 32	14. 68	37. 90	51. 62	33. 57	53, 12	31. 04	41. 64	277. 89
12, 32	11.40	30. 40	42, 78	26. 82	41. 34	23. 08	38. 04	226. 18
14. 00	11. 44	30. 30	41.62	24. 75	39. 24	26. 36	35, 88	223. 59
14. 88	13. 04	34. 80	48. 22	31. 05	46. 82	28. 40	40. 92	258. 13
14. 16	12. 88	31. 90	44. 10	26. 64	41.60	24. 40	41. 28	236. 96
13. 64	12. 56	32, 60	41. 76	25. 74	45. 78	23. 60	38. 40	234. 08
13. 72	12, 92	28. 50	43. 64	26. 28	41. 62	24, 52	39. 96	231. 16
14. 80	13. 40	35. 60	50. 70	29. 70	48. 14	25, 40	41. 88	259. 62
13. 04	12. 36	32, 50	40. 48	24, 93	40. 08	22, 56	41. 64	227. 59
13. 36 12. 20	12. 56 11. 88	30. 60 26. 60	39. 36	24. 12 22. 95	36. 84	26, 28	40. 56	223. 68
12, 20	13. 20	33. 90	37. 52 43. 88	25, 56	37. 42 45. 22	22, 95 24, 56	26. 88 40. 44	214, 81 239, 84
14. 80	14. 72	38. 80	51. 62	34, 38	52. 76	29. 76	40. 44	277. 52
12. 80	13. 68	32. 60	44. 04	27. 99	45. 10	26. 76	39. 24	242. 21
13. 56	13. 40	30. 70	41. 32	24. 12	38. 80	25. 00	40. 92	227. 82
14. 04	12. 20	29. 50	44. 56	28. 17	39. 58	23. 24	40. 20	231. 49
12. 48	10. 84	27. 70	37. 48	23. 13	35. 78	25. 40	35. 64	208. 45
13.96	13. 36	37. 70	46. 00	31. 50	49. 80	27. 88	44. 04	264. 24
12. 52	11.44	31. 40	40.06	23. 76	40. 02	22, 00	38. 76	219.96
13. 04	13. 08	29, 80	42. 86	24. 66	42. 32	21.96	39. 36	227. 08
14. 32	13. 28	36. 40	50. 28	32. 67	50. 08	. 28.40	38. 52	263. 95
12. 96	12, 12	28. 20	39. 20	24. 03	39. 86	21. 40	39. 84	217. 61
12, 16	11. 92	29. 40	40. 68	23, 85	37. 02	23, 24	41. 28	219. 55
11. 92	11. 84	26, 10	37. 18	23. 40	38. 78	22, 92	33. 72	205. 86
12.84	12. 20	32, 90	43. 14	27. 45	49. 02	23. 76	35. 76	237. 07
12. 56	12, 36	26. 80	41. 14	24. 93	39. 40	22, 08	35. 76	215. 03
13. 24	13. 36	31. 80	42.14	26. 55	41. 32	29. 80	35. 40	233. 61
12, 00	12. 48	29. 70	38. 74	23. 67	40. 18	26. 36	36. 96	220. 09

Order of gen- eral merit	Names	State from which	Date of	dat	e at e of ssion	Sea se in pra shi	
for aca- demic year		appointed	admission	Years	Months	Months	Days
					4	_4	Δ.
459	Voit, Edwin Francis	Indiana	Cant 9 1000	10			_ ,,
82	Vreeland, Jay Henry		Sept. 2, 1922 June 20, 1922	19 18	2 5	8 5	11 15
277	Wadbrook, Charles Gurney		June 13, 1922	* 18	4	8	11
177	Waldron, Eugene Matthew	Massachusetts	June 14, 1922	19	2	5	15
435	Walsh, John Franklin	New Mexico	June 20, 1922	19	5	4	
*38					7	8	16
	Ward, James Henry Ward, Samuel Claumont	Washington	June 27, 1922 June 16, 1922	19 20	0	8	11 11
366					9	5	
260 143	Warren, Doyle Cassius Watson, Paul Wesley	Texas	Aug. 9, 1922	17 19	10	5 7.	15
204	Watson, William Allison		June 14, 1922	18	7	8	3
*23	Weaver, George Calvin		June 15, 1922			5	
	Weaver, Norman Ellis	Pennsylvania Wisconsin	June 28, 1922	16	11		15
452			June 24, 1921	18	5	11	
48	Webster, Hugh Powell	Ohio	June 14, 1922	19	2	7	19
224	Weimer, Edward Loomis Bradley		June 13, 1922	20	0	5	15
172	Weis, George Henry	Maryland	July 12, 1922	18	9	8	11
280	Wells, John Katz	Utah	June 15, 1922	19	8	8	11
371	Westbrook, Ralph Edward	Illinois	July 6, 1922	17	10	5	15
61	Whelan, Thomas Murray	Iowa	July 28, 1922	19	7	8	11
*17	Whipple, Walter Jones, 2d	Louisiana	June 16, 1922	16	3	8	1
388	White, William	New Hampshire		18	10	8	11
91	Whiteside, William Joseph	New York	June 14, 1922	19	8	8	11
*37	Whiteside, William Smith	Indiana	June 16, 1922	18	0	8	11
348	Whiting, Charles Jonathan	Maine	July 25, 1922	16	5	5	15
209	Whitson, George Martin, jr	North Carolina	July 12, 1922	17	3	8	11
200	Wilfong, John Lester	Washington	June 14, 1922	19	9	8	11
403	Willingham, Solomon David	Alabama	June 17, 1922	18	4	8	11
2251/2	Wilson, Beverly Elmer		June 20, 1922	16	9	8	11
114	Winfrey, John Allen	Tennessee	June 15, 1922	18	8	8	11
7346	Wise, Edward Crosby	Arkansas	June 16, 1922	17	5	8	11
99	Withers, Hartnall Jackman	Montana	June 21, 1922	18	10		11
278	Wolfe, Joseph Leon		June 28, 1921	18	5	8	11
125	Wolverton, Thomas Michael		July 13, 1921	18	1	9 8	7
382	Woodbury, John Leland		June 16, 1922	17	7		11
242	Wornham, Thomas Andrews	New York	June 14, 1922	18	6	8	
52	Wright, Wesley Arnold	Massachusetts	June 21, 1922	19	10		11
95	Wyckoff, Peter Albert	New Jersey	July 11, 1922	18	5	8	0
92	Young, John Somerville Eaton, jr.		July 3, 1922	18	10	8 8	11
409	Zemlicka, Ray Zirkle, Earl Blair		June 29, 1922	19	1	8	11 11
57 3 16	Zurmuehlen, Gerald Dale		June 16, 1922	18 19	11	8	11
910	Zurmuemen, Geraiu Daie	Iowa	June 14, 1922	. 19	4	0	11

third year of their academic course—466 members—June 1925—Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval con- struction	Mathe- matics	Electrical engineer- ing and physics	Languages	Aptitude for the service	Aggre- gate third year
			D	Maximum				
16	16	40	56	36	56	32	48	300
11. 80	10. 68	27. 50	36. 70	23. 31	36. 94	21. 28	32. 64	200. 85
13. 56	12. 68	34. 10	43. 48	27. 18	41. 98	29. 48	42. 00	244. 46
12. 92	11. 36	30. 30	40. 48	24. 84	39. 22	24. 04	38. 88	222. 04
12. 56	12. 52	29. 20	42. 34	24. 75	43. 02	28. 88	39. 00	232. 27
11. 64	11. 28	25. 20	37. 56	23. 22	36. 92	21. 00	40. 80	207. 62
14. 24	13. 72	35. 30	47. 00	30. 69	46. 94	28. 28	39. 12	255, 29
12. 84	11. 72	30. 10	38. 36	24. 66	38. 58	22. 00	36. 84	215, 10
11. 80	11. 88	32. 20	39. 42	23. 76	42. 28	25. 92	36. 96	224, 22
12. 64	13. 12	31. 80	44. 80	26. 28	43. 42	23. 76	40. 32	236, 14
11. 88	12. 36	32. 60	43. 64	28. 62	43. 04	20. 88	37. 08	230, 10
14. 28	13. 12	35. 80	48. 08	32. 40	47. 68	27. 56	41. 16	260. 08
12. 20	11. 00	25. 50	37. 80	23. 31	36. 10	21. 96	37. 08	204. 95
14. 24	12. 76	35. 10	47. 20	30. 24	45. 74	23. 80	43. 56	252. 64
12. 80	11. 68	28. 80	43. 40	24. 39	42. 44	21. 84	42. 84	228. 19
12. 68	13. 56	31. 50	41. 50	26. 55	43. 44	23. 20	40. 08	232. 51
12. 36	12. 36	29. 70	41. 38	24. 03	40. 22	23. 60	38. 28	221. 93
11. 60	11. 72	28. 30	39, 28	23. 94	37. 52	23. 28	39. 36	215. 00
13. 28	12. 84	33. 60	45, 02	29. 79	47. 64	26. 88	40. 20	249. 25
14. 68	13. 24	36. 50	50, 02	32. 85	48. 96	29. 12	38. 16	263. 53
12. 16	11. 88	28. 30	38, 18	23. 31	38. 14	22. 92	38. 88	213. 77
14. 24	13. 16	33. 80	46, 96	26. 64	43. 38	26. 96	37. 56	242. 70
14. 16	14. 28	34. 40	49. 32	29. 52	47. 96	28. 40	37. 44	255, 48
12. 44	12. 00	27. 70	36. 28	23. 49	39. 98	26. 16	39. 00	217, 05
12. 88	12. 28	31. 60	43. 64	25. 56	40. 56	26. 24	37. 08	229, 84
13. 52	12. 52	31. 20	41. 70	25. 74	39. 22	22. 88	43. 68	230, 46
12. 24	12. 08	28. 20	37. 56	24. 12	38. 24	22. 92	36. 48	211, 84
12. 64	11. 96	31, 80	42. 24	23. 76	36. 88	28. 00	40. 56	227. 84
13. 00	12. 84	32, 30	45. 04	27. 72	43. 46	22. 48	42. 24	239. 08
12. 20	11. 28	29, 20	38. 40	25. 11	39. 78	24. 64	36. 60	217. 21
12. 60	12. 84	32, 60	46. 76	28. 26	42. 44	26. 28	38. 64	240. 42
12. 08	12. 04	29, 00	40. 58	24. 84	40. 06	25. 00	38. 40	222. 40
14. 60	13. 76	29, 70	46. 88	24. 39	43. 58	24. 00	40. 92	237. 83
12. 32	12. 56	29, 40	38, 66	23. 67	37. 72	21. 16	38. 64	214. 13
12. 84	13. 16	30, 30	39, 88	23. 94	40. 92	25. 20	39. 48	225. 72
13. 48	13. 48	35, 40	43, 34	32. 04	46. 14	28. 76	39. 24	251. 88
12. 84	12. 84	36, 50	45, 76	25. 83	42. 60	28. 12	37. 08	241. 57
13. 60	13. 68	33, 00	43, 30	28. 62	42. 58	26. 80	40. 92	242. 50
11. 76	11. 68	28. 60	38. 78	23. 40	37. 30	21. 96	37. 80	211. 28
13. 96	13. 12	33. 50	46. 80	28. 53	47. 16	26. 68	40. 68	250. 43
13. 00	12. 44	30. 50	40. 24	23. 58	39. 10	21. 60	39. 12	219. 58

Order of general merit for academic year	Names				ission
demic		State from which appointed	Date of admission		
				Years	Months
412	Adams, Howard Chipman	Utah	July 13, 1923	18	1
	Addison, Edward Spencer	North Carolina	July 18, 1922	17	11
	Afong, Abram Henry, jr	Hawaii	July 2, 1923	17	10
	Agens, Frederic Francis	Oregon	July 3, 1923	18	9
*4	Albach, Walter Henry	Philippine Islands. Nebraska	Aug. 21, 1922 July 23, 1923	19 18	3
	Alderman, Robert Barber	Oregon	July 5, 1923	19	3
	Allan, Halle Charles, jr	Florida	July 5, 1923	18	8
	Allen, Ethan Warren	Kansas	July 9, 1923	20	3
416	Allen, Robert Addison	Michigan	Aug. 27, 1923	18	5
	Anders, Arthur Ferdinant	Texas	July 5, 1923	19	9
	Anderson, George Whelan, jr	New York	July 3, 1923	16	7
	Anderson, Oddle Wilbur	Missouri	July 16, 1923	19	6
	Andrews, John, jr	North Dakota	July 12, 1923	17	8
443	Armstrong, Henry Jacques, jr	Utah Nevada	July 11, 1923 July 9, 1923	20 19	1 11
	Ashley, Gordon Shaw	California	July 10, 1923	19	7
	Atkeson, John Conner	Alabama	Sept. 5, 1923	18	0
578	Averill, James Kent	New York	Sept. 4, 1923	18	11
	Bailey, John	Texas	July 5, 1923	18	9
	Bailey, Leonard William	Rhode Island	July 6, 1923	18	6
	Baker, Glenwood Floyd	Michigan	July 10, 1923	18	1
	Balfrey, William Edward	Massachusetts	July 9, 1923	16	10
	Barbot, Leon Joseph	South Carolina	July 5, 1923	18	6
	Barnes, Robert McCumber Baskin, Arthur Crawford Walker	North Dakota South Carolina	July 10, 1923 Sept. 4, 1923	16 18	11 11
	Bauer, Harry Frederick	Tennessee	July 3, 1923	19	0
	Bayler, Walter Lewis John	Pennsylvania	July 16, 1923	18	3
	Bays, John William	Indiana	July 10, 1923	18	3
194	Beasley, Charles Black	Tennessee	July 6, 1923	19	6
	Belden, Richard Nathaniel	Connecticut	July 5, 1923	18	10
	Bengston, Wayne Emory	Wisconsin	July 6, 1923	17	5
	Bennett, Rawson, 2d.	California	July 5, 1923	18	1
	Benson, James Francis	Rhode Island West Virginia	July 6, 1923 Aug. 31, 1923	18 17	9
	Bergin, Charles Kniese	Maryland	July 9, 1923	19	5
	Bernet, John Christian.	Missouri	July 12, 1923	16	7
	Berry, Frederic Aroyse, jr	Illinois	July 20, 1923	16	8
	Biddle, Stratford Bradish, jr	California	July 2, 1923	17	1
	Blackwell, Jesse	Georgia	Aug. 29, 1923	18	8
	Blake, Ernest	Pennsylvania	July 3, 1923	19	11
320	Blanchard, James William	North Carolina	July 9, 1923	19	6
283 593	Born, Arthur Stephen Bottom, George Albert	WisconsinOklahoma	July 2, 1923 July 3, 1923	18 18	10 7
	Boulware. Joe Wood	Missouri	July 9, 1923	18	1
120	Bowling, Jack Frank, jr	Texas	July 18, 1923	20	. 0
	Bowling, Selman Stewart	Indiana	July 9, 1923	17	2
545	Boyd, Clarence Evans	South Carolina	July 3, 1923	18	9
165	Boyd, Raymond Gordon	Iowa	Aug. 16, 1923	18	6
	Boyer, Randolph Burten	Minnesota	July 3, 1923	19	10
612	Braddy, Robert Edgar, jr	Georgia	Sept. 4, 1923	19	10
595	Branson, John Joseph	New York	July 5, 1923	19	1
203	Briggs, Harold Melvin Bristor, William Beverly	Michigan Maryland	Aug. 27, 1923 June 14, 1922	19	5 10

the second year of their academic course—644 members—June, 1925

	e in practice lips	Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
Months	Days				Maximum			
Woltins	Days	32	56	40	24	20	28	200
5	20	22, 76	37. 66	27. 95	17. 49	15. 37	23. 59	144. 8
8	11	22. 92	39. 97	31. 50	20. 37	16. 47	22. 89	154. 1
4	23	24. 68	40. 39	28. 50	18. 15	15. 72	22. 19	149. 6
5	20	26. 88	45. 85	34. 95	19. 71	17. 01	23. 73	168. 1
8	11	21. 40	37. 38	27. 65	16. 59	18. 75	21. 14	142. 9
5	20	29. 72	52. 01	36. 10	21. 60	19. 77	22. 75	181. 9
5	20	23. 72	43. 33	32. 30	20. 64	18. 67	22. 47	161. 1
5	9	25. 80	40. 67	31.00	18. 66	15.06	24. 71	155. 9
5	20	22. 80	39. 13	27. 15 28. 45	15. 36	13. 82 13. 55	24. 15	142. 4
5 5	20 20	25, 92 24, 80	38. 50 37. 80	28. 45	15. 66 16. 02	13. 96	22. 68 23. 17	144. 7 144. 4
5 5	20	25. 96	43. 19	34, 55	20. 04	17. 61	23. 52	164. 8
5	20	23. 68	37. 80	27. 35	16. 62	15. 28	22. 68	143. 4
2	24	21, 16	35. 00	25. 65	16. 41	13. 71	22. 12	134. 0
5	20	22. 76	35, 91	27, 65	16. 53	15. 40	23. 66	141. 9
5	20	21. 64	38. 08	27.65	18. 39	15, 22	22, 96	- 143. 9
5	20	22. 76	38. 15	27. 55	17, 97	15. 69	22, 89	145. (
5	20	23. 96	37. 24	25, 45	15. 63	13, 15	21. 91	137. 3
5	20	22. 44	35. 91	25. 45	17. 55	13. 44	23. 24	138. (
5	20	23. 16	37. 59	26. 85	16.74	13. 97	23. 10	141.
2	26	24. 40	42. 77	33. 05	21. 57	17. 64	22, 47	161. 9
5	20	25. 04	37. 66	28. 85	19. 11	14. 42	22. 82	147. 9
5	20	23. 28	35. 84	28. 35	18. 12	16. 37	22. 54	144. 8
5	20	24. 44	47. 67	29. 65	18. 54	16. 34	23. 52	160.
5	20	22. 40	43. 47	31, 35	18. 30	15. 56	20.79	151.8
5	20	23. 40	45. 36	27. 95	18. 72	16. 61	22. 89	154. 9
5	20	24. 84	38. 22	28. 45	18. 72	15. 66	23. 38	149.
5	20	27. 24	46. 83	33. 35	18. 03	16. 83	23. 10	165.
5	20	28. 68	52. 15	37. 60	20. 37	19. 09	24. 71	182.
5	20	24. 96	44. 03	29. 65	18. 03	15. 14	23. 66	155. 4
. 5	20	21. 20	34. 02	26. 10	18. 24	13. 21	21. 63	134.
2	24	26. 40	41. 37	30. 05	17. 70	15. 87	21. 77	153.
5	20	24. 68	38. 43	31. 45	21. 06	16. 33	23. 87	155.
5 5	20 20	24. 12 23. 76	47. 81 42. 07	32. 05 29. 60	20. 25 17. 61	17. 53 14. 22	21, 21 22, 82	162.
5	20	22. 92	44. 17	31. 00	17. 01	14. 22	23. 80	150. (154. (
5	20	26. 84	46. 62	33. 35	19. 08	19. 14	23. 59	168.
5	20	25. 56	39. 62	32. 70	18. 63	16. 73	23. 39	155, 4
5	20	26. 52	47. 67	33. 10	21. 15	17. 82	23, 52	169.
5	20	23, 44	41. 37	30. 20	18. 48	15. 59	20. 51	149.
5	20	21. 48	36. 89	28. 75	16. 77	15. 95	22. 05	141. 8
5	20	23. 40	39. 69	28, 35	18. 15	15. 38	23. 59	148. 8
4	8	24. 80	41. 16	30. 80	17. 67	14. 44	21. 42	150.
5	20	21. 96	36. 75	26. 60	15. 78	13. 88	22. 19	137.
5	20	23. 76	40. 60	28. 95	19. 77	13. 80	23. 45	150.
5	11	28. 36	44. 24	33. 10	17. 82	14. 24	22. 47	160. 2
5	20	25. 80	47. 39	34. 05	19. 83	19. 16	22. 40	168.
5	20	19. 72	36. 61	27. 35	17. 76	15. 43	22. 75	139. (
5	20	24. 48	42, 00	30. 90	20.34	15. 97	23, 24	156.
5	20	24. 04	38. 92	29. 20	17. 58	15. 06	24. 29	149.
5	20	20. 44	35. 77	25. 45	16.38	14. 83	22. 89	135.
5	20	22. 04	36. 12	26. 10	17. 67	13. 54	21. 63	137.
5	20	24.72	41. 72	30.70	19. 59	15. 52	22.82	155.
5	20	22. 72	37. 31	27. 85	18.69	16.14	22. 96	145.

Order				Age at adm	date of ission
general merit for aca- demic year	Names	State from which appointed	Date of admission	Years	Months
100	Brixner, Robert Cecil	New Mexico	July 5, 1923	19	8
109 83	Broach, John Cozine	Mississippi	July 10, 1923	18	11
468	Brockman, William Herman, jr	Ohio	Sept. 11, 1923	18	10
292	Brodie, Robert, jr	Kentucky	July 2, 1923	18	7
562	Brown, John Thompson, jr	South Carolina	July 6, 1923	19	8
367	Brown, Robert Kenneth	Ohio	Aug. 7, 1923	18	6
330	Bruner, Arthur Griffith	Utah	July 16, 1923	20	0
491	Bruner, Frank	South Dakota	July 3,1923	19	8
59	Bryson, William Campbell	Missouri	Aug. 31, 1923	18	4
271	Buckley, Argyll Edwin	Washington	July 10, 1923	18	10
604	Burch, William Oscar, jr	Kentucky	Sept. 5, 1923	19	2
297 533	Burlingame, Creed Cardwell Burt, Donald George	Pennsylvania	July 2, 1923 July 6, 1923	18	4 0
602	Buttrey, Andrew Brooks	Tennessee	do	20	1
r599	Butz, Jesse Samuel Cooper	Illinois	July 5, 1923	18	2
582	Byrd, Marion Moore	South Carolina	Sept. 7,1923	19	1
315	Calderhead, Renwick Silas	Alaska		19	11
80	Caldwell, Henry Howard	Nevada	July 3,1923	17	9
350	Camp, Floyd Charles	Arkansas	June 21, 1922	17	7
170	Card, Paul Wentworth	Rhode Island	July 6, 1923	18	9
257	Carey, Joseph	New Jersey	July 11,1923	19	8
571	Carpenter, Lester Wilson	Pennsylvania	Aug. 21, 1923	18	3
629	Carter, Albert Samuel	Wisconsin	Sept. 4, 1923	19	3
369	Caruthers, William Rowell	Arkansas	July 9, 1923	17	0
269	Cassady, Arnold Henry	California	Aug. 1,1923	17	2
507	Caswell, Gordon Leonard	Massachusetts	July 11, 1923	18	0
62 114	Caufield, Cecil Thilman	Texas		19	8
48	Chamberlin, Leonard Cornelius	At largeArkansas	July 3, 1923 July 2, 1923	18	6
435	Chappell, Lucius Henry, jr	Georgia	July 9, 1923	18	5
33	Chilton, William Pierce	Alabama		17	8
389	Chittenden, John William	Indiana	June 29, 1922	19	7
396	Clark, John Edward	Kansas	July 9, 1923	17	11
607	Clark, Thurston Booth	Virginia		18	11
429	Clendening, Cyrus Turner	New York		19	1
99	Clutts, Charles Edward		Sept. 26, 1923	19	4
145	Coale, George Buchanan			17	10
438	Coffin, Clarence Emmet, jr			. 16	10
35	Cohn, James Edward			19	8
426	Coleman, David Buncombe	South Carolina	,	18	1
105 342	Coll John Owen Boilly			17	1
342 431	Coll, John Owen Reilly Collins, Richard Charles			19	8
167	Condra, Edward Madison, jr			19	5
202	Conn, Lannie			19	1
* 61/				18	3
413	Cook, Jesse Strother, jr			18	1
97	Cooper, Clifford Steele		_ ,	18	9
463	Cooper, Elmer Glenn	Arkansas	July 3, 1923	18	2
381	Cooper, Hysell			17	11
489	Cooper, Joshua Winfred			16	8
326	Corbin, Frank Temple			16	7
422	Cornelius, Elwood Kase	do	Sept. 4, 1923	20	1 0

second year of their academic course—644 members—June, 1925—Continued

Sea service ship	in practice es	Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
2544-	Dom				Maximum			
Months	Days	32	56	40	24	20	28	200
5	20	25. 60	41. 16	31. 60	20. 22	18. 75	23. 66	160. 9
5	20	27. 08	44, 45	32. 70	19. 56	14.85	23. 59	162. 2
4	28	22. 16	36. 89	28. 20	16. 41	15. 24	24. 29	143. 1
5	20	25. 80	39. 69	29. 95	17. 67	13.86	23. 10	150. 0
5	20	22. 28	36. 26	26. 25	15. 93	14. 62	23. 52	138, 8
5	20	24. 60	36. 96	28. 05	17.85	14. 73	24. 43	146. 6
5	20 20	23. 16 24, 52	41. 44 36. 33	29. 05 27. 15	17. 70 16. 80	15. 63 14. 56	21. 21 22. 82	148, 1 142, 1
5	20	24. 92	44. 66	33. 75	20. 25	19. 58	22. 40	165. 6
5	20	23. 52	41. 86	29. 40	17. 52	15. 79	23. 03	151. 1
. 5	20	23. 32	37. 03	26, 05	15. 27	13. 06	22. 96	136. 6
5	20	24. 80	37. 59	28. 65	18. 84	16. 51	23. 31	149. 7
5	20	20. 88	37. 24	26. 30	17. 58	15. 47	22. 68	140. 1
5	20	20. 16	35. 77	25. 70	17. 16	15. 04	22. 96	136. 7
2	24	21. 36	35. 98	27. 00	17. 79	12. 73	22.12	136. 9
5	. 20	21. 40	36. 19	26. 45	17. 01	14. 05	22. 68	137. 7
4	14	25. 64	37.94	29.35	17. 43	14. 62	23. 87	148.8
4	19	25. 68	42. 49	31. 35	18. 12	18. 09	26.88	162.
5	. 20	23. 36	41. 09	27. 15	17. 64	14. 97	23. 24	147.
5	20	23. 32	41.72	32. 20	18. 24	19. 30	21, 91	156.
5	20	23. 96	42. 07	30.70	18. 18	15. 93	20. 93	151.
5	20	20. 36	37. 10	26. 55	17. 28	14. 34	22. 89	138.
5	20	21. 28	36. 68	25. 10	15. 63	12. 84	17. 99	129.
5	20	22. 64	39. 13	28. 25	18. 36	14. 63	23. 52	146.
5	20	24. 84	39. 69	28. 40	19. 62	16. 22	22. 40	151.
5	20	21. 28	35. 00	26. 80	19. 35	17. 10	22, 26	141.
5	20	26. 36	45. 01 41. 72	32. 85	19. 29	19. 18	22. 40 22. 82	165.
5 5	20	24. 04 27. 20	46.06	34, 50 34, 80	19. 98 19. 02	17. 68 16. 58	23. 52	160. 1 167. 1
5	20	23. 20	36. 54	27. 60	18. 00	15. 76	23. 32	144.
5	20	28. 48	47. 18	33. 35	19.08	18. 19	23. 03	169.
5	20	21. 84	36. 05	24. 95	15. 93	14. 03	22. 82	145.
5	20	23. 60	40. 04	28. 10	17. 31	14.38	22. 05	145.
5	20	22. 20	36. 54	24. 80	16. 65	14. 95	21. 28	136.
5	20	23. 48	36. 89	28.00	18. 12	13. 87	24. 01	144,
5	20	25. 28	44. 17	33. 00	18. 36	17. 24	23. 31	161.
5	20	25. 36	40. 18	34. 35	20.07	17. 08	21, 21	158.
5	20	25. 08	38. 01	27. 75	16. 95	13. 50	22. 82	144.
5	20	22. 96	47. 88	35. 45	19. 68	18. 68	24. 29	168.
5	20	23. 84	39. 27	26. 70	17. 01	14. 62	22. 96	144.
5	20	25. 20	44. 87	32. 55	19. 32	16. 61	22. 61	161.
8	11	23. 36	40. 60	29. 80	16. 98	14. 62	22. 47	147.
5	20	21. 40	36. 68	26. 75	17. 31	16.77	25. 41	144.
4	19	26. 68	41. 58	30. 40	18. 30	15. 10	24, 85	156.
5	20	26. 40	39. 55	32. 25	19. 23	14.34	23. 31	155.
5	20	29. 00	52, 29	37. 75	21. 54	17. 69	23. 24 22. 61	179.
5 5	20 20	23. 28 25. 20	38. 01	28. 50	18. 30	14.11	22. 61 24. 15	144.
5	20	25. 20	43. 54 36. 89	32. 85 29. 10	19. 65 17. 34	16. 22 15. 46	24. 15 21. 35	161. 143.
5	20	21, 92	38. 89	29. 10	18.30	15. 46	23. 45	145.
5	20	21. 92	36. 08	29. 40	17. 13	14. 68	23. 45	145.
5	20	22. 10	40, 46	27. 65	18. 27	16. 75	23. 03	142.
2	24	21. 64	38. 22	27. 65	17. 88	16. 73	22. 89	144.

Order		en e	- '		t date of nission
of general merit for aca- demic	Names	State from which appointed	Date of admission	Years	Months
year		c _	e'.		
79	Cornell, Bloomfield Miller	South Carolina	Sept. 4, 1923	17	1
603	Cortner, Clarence Edward	Tennessee	July 11, 1923	19	1
253	Corwin, John Thomas	Pennsylvania		19	9
438	Corwin, Joseph Albert	New Jersey		18	9
267 460	Creighton, Liles Walker Cressy, Morton Starr, jr	South Carolina		17 18	9
*13	Crittenden, Samuel Hallett, jr	Colorado		18	9
521	Cromwell, Francis Eugene	Virginia		20	3
564	Cross, John Henry			20	1
508	Curry, Frank Charles, jr.	Kansas		18	3
377	Cuzner, William Herbert	New Hampshire	do	18	2
224	Dahl, Theodore Oscar			20	2
431	Daisley, Roger Meriden	New York		18	7
386	Dalton, Carl Malcolm	Arkansas		19	0
285	Danhoff, Joseph Bartholemae			19	4
*25 *7	Daspit, Lawrence Randail	Louisiana Massachusetts		17	9
328	Davey, Thomas Leo Davies, William Norman	New York		16 19	5 0
264	Davis, Eugene Edward	Utah		16	5
145	Dawson, Marion Lindsay, jr	Florida		17	10
215	Day, Harry Edward	Kansas		18	3
589	Dayton, Milton Theodore	Oklahoma		19	0
491	Deam, William Anderson	Kansas		20	3
r524	Dean, John Little	Tennessee		16	3
119	DeKay, Charles Gordon	Wyoming	July 6, 1923	18	1
504	De La Barre, Reamor Evans	Nebraska	Sept. 4, 1923	17	8
250	Densford, Robert Lutes	Missouri		18	5
478	Denty, Harry Marsden	New York		19	1
169	Depew, Paul Stuart	Massachusetts		17	10
196	De Tar, John Leslie	Nebraska		16	10
51 272	Detwiler, Joseph Snyder	Pennsylvania New York	July 6, 1923 July 10, 1923	16	11 9
560	Deutermann, Harold Thomas Devany, Albert Joseph	do	Aug. 1, 1923	19 18	1
547	Devlin, Jerome Orvin, jr.	South Carolina		17	10
362	Dickey, George Deane	California	July 3, 1923	19	4
110	Dimon, John Taft	New York	July 6, 1923	18	4
294	Dixon, Robert Ellington	Georgia	July 5, 1923	17	2
536	Dodson, Oscar Henry	Texas	Sept. 6, 1923	18	8
538	Donaho, Doyle George	do	July 9, 1923	16	5
617	Donaho, Glynn Robert	do	July 10, 1923	18	4
84	Donohue, Timothy Francis	Massachusetts	July 6, 1923	19	10
262	Dortch, Vernon		July 3, 1923	20	0
462	Downer, Dick Rinaldo	Iowa		17	6
472	Downes, Robert Noble Dozier, Henry Robert	Maryland Nebraska	Aug. 21, 1923 July 3, 1923	17 20	10
313 274	Drew, Edward John	Illinois	July 3, 1923 July 18, 1922	19	1 9
r563½	Drew, Melvin Eugene	Utah	June 20, 1922	18	8
506	Dreyspring, Jefferson Goodwyn	Alabama	July 2, 1923	18	8
244	Drouilhet, Paul Raymond	Texas	Aug. 27, 1923	17	7
246	Duborg, Christian Harold	Nevada	July 3, 1923	19	1
208	Dudley, Clayton Rodes	Missouri	July 5, 1923	19	6
348	Duffill, Monroe Barrows	At large	July 23, 1923	17	2
561	Duke, Claren Emmett	Ohio	Sept. 4, 1923	19	3
465	Dukeshire, Theodore Skolfield	Vermont	July 10, 1923	18	3

second year of their academic course-644 members-June, 1925-Continued

Sea service shi	in practice ps	Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregat second year
Months	Down				Maximum			. ,
Months	Days	32	56 .	40	24	20	28	200
5	20	25. 64	45. 64	31. 10	19. 71	17. 80	22. 89	162.
5	20	22. 44	35. 42	25. 40	16. 35	13. 64	23. 45	136.
5	20	25. 12	41. 30	31. 70	16. 23	15. 78	22. 12	152.
5	20	23. 80	36. 54	28. 85	17. 70	15. 03	22. 19	144.
5	20	24. 64	40. 11	28. 45	17. 55	16. 02	24. 43	151.
5	20	23. 40	36. 54	27. 70	19. 41	13. 95	22. 40	143.
5	20	29. 08	49. 42	35. 35	20. 52	16. 56	23. 80	174.
5	20	21. 76	36. 75	26. 80	18. 12	15. 32	22, 33	141.
- 4	19	21. 08	35. 84	26. 00	16. 83	13. 67	25. 34	138.
5	20	21. 84	39.06	27. 75	16. 95	14. 20	21. 84	141.
5	20	21. 60	37. 45	28. 95	19, 38	16. 71	21. 91	146.
5 5	20 20	23. 92	40. 18	30. 35	18. 09	18. 34 14. 98	23. 24 21. 00	154. 144.
5	20	24. 64 22. 68	40. 95 40. 39	26. 40 27. 70	16. 35 16. 65	14. 98	23. 31	144.
5	20	25. 36	38. 64	29. 85	18. 30	14. 90	23, 31	150.
5	20	28. 36	47. 74	34. 90	20. 73	16. 55	23. 38	171.
5	12	28. 04	51. 24	35. 75	19. 74	18. 84	24, 08	177.
5	20	23. 84	38. 36	29. 60	18. 24	14. 48	23. 73	148.
5	20	24. 64	41. 30	28. 90	17. 82	17. 03	21. 70	151.
5	20	25, 68	41. 37	31. 60	19. 80	16. 07	23. 73	158.
5	20	26. 84	38. 71	32. 15	19. 56	14. 77	22. 61	154.
5	20	23, 56	34. 51	24. 75	16, 65	14. 25	23, 66	137.
5	20	23, 36	38. 43	27. 80	16. 11	13. 52	22, 96	142.
8	11	24. 40	39. 06	26. 40	17. 04	14. 26	19.60	140.
5	20	23. 32	43. 82	31. 95	19. 98	18. 37	22. 96	160.
5	20	24. 92	36. 12	26. 80	17. 46	15. 15	21. 42	141.
5	20	22. 52	37. 80	31. 00	18. 57	17. 47	25. 06	152.
5	20	22. 56	36. 12	27. 40	18. 12	15. 59	22. 96	142.
5	20	21. 72	42. 21	32. 10	19. 14	18. 92	22, 61	156.
5	20	24, 88	41. 44	30. 70	19. 59	15. 64	23. 17	155.
5	20	25. 68	44. 45	34. 75	20. 04	17. 59	24. 29	166.
5	20	23. 20	38. 50	29. 70	18. 75	18. 78	22. 18	151.
5	20	20. 20	34. 37	25. 35	19. 14	17. 17	22. 75	138.
2	26	21. 96	38. 22	26. 80	16. 74	14. 04	21. 84	139.
5	20	22. 72	38. 85	27. 40	19. 26	16. 02	22. 68	146.
5	20	26. 00	45. 08	29. 80	19. 44	17. 21	23, 31	160.
5 5	20 20	23. 88	39. 20 35. 63	28. 30	19.65	14. 45	24, 50	149. 139.
5	20	21. 36 21. 76	37. 31	25. 45 26. 20	18. 63 16. 74	15. 54 15. 44	23. 38 22. 47	139.
5	20	20. 44	35. 07	25. 60	16, 74	14. 64	22, 47	134.
5	20	25. 04	44. 80	32.75	19. 20	17. 40	23. 03	162
5	20	25. 72	42. 35	29. 05	17. 22	13. 22	23. 87	151.
5	20	22, 76	35. 49	26. 90	18. 03	16. 52	23. 66	143.
5	20	21. 52	38. 57	28. 00	17. 49	15. 43	21, 98	142
5	11	22. 40	38. 85	29. 25	20.07	16. 24	22. 19	149
- 8	11	23. 56	38. 85	30. 85	17.82	16. 40	23. 52	151.
2	24	22, 52	33. 60	25. 25	18. 30	16. 94	22, 19	138
5	20	22. 48	37. 45	29. 90	17. 94	13. 25	20. 79	141
5	20	23. 92	40. 60	29. 80	19. 08	16. 12	23. 17	152
4	19	23. 56	38. 22	29. 90	18. 66	17. 04	25, 20	152
5	20	25. 52	38. 71	32. 40	18. 48	16. 76	23. 03	154
5	20	24. 20	38. 50	29. 85	16. 98	15. 23	22. 75	147.
5	20	23. 72	35. 63	26.00	16. 41	13. 86	23, 31	138
5	20	23. 56	35. 77	27. 95	19. 11	13. 50	23. 38	143

Order				Age a	t date of dission
of general merit for aca- demic year	Names	State from which appointed	Date of admission	Years	Months
		-			
*8	Dunning, Allan Lombard	New Jersey	July 11, 1923	18	0
545	Durski, Malen	Illinois	Aug. 2, 1923	18	7
339	Dykers, Thomas Michael	Louisiana	July 3, 1923	17	7
319	Dyson, Gerald Roland		July 2, 1923 June 14, 1922	18 19	8
265 173	Dyson, Howell Jesse Earnshaw, Joseph Wayne	do Kansas	July 11, 1923	19	3 4
157	Eckberg, Herbert Frederic	New York	July 20, 1923	17	2
199	Eckelmeyer, Edward Hernian, jr	Pennsylvania	Aug. 17, 1923	18	2
216	Eddy, Daniel Thomas	New York	July 9, 1923	19	2
471/2	Edsall, Warner Ryerson	Pennsylvania	July 17, 1923	19	2
210	Edwards, John Allen	South Carolina	July 10, 1923	16	9
335	Ehle, Arthur Kendrick	Kansas	July 11, 1923	20	1
281	Eldridge, John, jr	Virginia	July 12, 1923	19	9
282	England, Harry Rudolph	Minnesota	Aug. 23, 1923	19	0
516	Ethridge, Harrison		July 3, 1923	19	2
305	Evans, Myron Thomas	Ohio	Aug. 27, 1923	20	4
442	Everett, Gordon Stafford		July 2, 1923	19	8
143	Ewing, John Lawrence, jr			· 19	4
90	Faigle, John Emil Fairlamb, Louis Parker	Ohio Virginia	July 3, 1923 July 9, 1923	18	2
317 87	Fauntz, Theodore Clarkson			17	3 11
542	Fenton, Richard Elkins.	West Virginia	July 6, 1923	16	10
233	Ferrall, William Edward	Pennsylvania	July 11, 1923	17	10
325	Fitzgerald, Delano Jackson	Maryland		18	3
141	FitzGerald, George William, jr	Illinois	July 11, 1923	17	8
514	Fitzgibbon, John Edmondson		Sept. 4, 1923	20	1
460	Fitzwilliam, Albert Eisner	Illinois	July 2, 1923	19	2
78	Flesher, Carl William	Indiana	July 9, 1923	18	8
522	Flynn, Joseph Ambrose	Connecticut	July 6, 1923	18	7
417	Flynn, Thomas Joseph		July 25, 1923	18	7
273	Foley, Robert Joseph		July 9, 1923	18	5
616	Ford, Robert Stephens		July 6, 1923	19	11
179	Fraser, George Kittrell	Louisiana	July 3, 1923	19	0
392	Fravel, Robert Ira Franklin		July 9, 1923	17	4
400 573	Freeman, Charles Lawrence	Massachusetts Pennsylvania	July 6, 1923	17 20	11
108	Funke, Frederick, jr	Nebraska	July 20, 1923	18	8
396	Garcia, Edmund Ernest	At large	Sept. 4, 1923	18	5
360	Gates, Bernard Monroe	Maine	June 16, 1922	18	11
81	Gazze, Sylvius			18	9
230	Geiger, Lester Joseph	Iowa	July 10, 1923	18	2
608	Giambattista, Frank Daniel	New Jersey		18	11
172	Gilbertson, George Bernard			20	4
70	Gilday, John Frank		July 10, 1923	18	10
118	Gleim, Fritz, jr		July 11, 1923	20	1
187	Gordon, Howard Wright, jr	Kansas	June 20, 1922	18	7
466	Gorski, Henry Frederick	Rhode Island	July 6, 1923	19	1
574	Goudge, Maurice Ellison	Texas	July 5, 1923	17	8
222	Goyette, Emmanuel Thomas	Massachusetts	July 2, 1923	18	1
36 379	Graf, Warren Frederick	Pennsylvania	July 27, 1923	18	2 8
475	Green, Thomas Chandler		June 14, 1922 July 2, 1923	18 19	10
267	Greene, Thomas Lawrence.		July 11, 1923	19	2
430	Greer, Julian David			18	5

second year of their academic course—644 members—June, 1925—Continued

Sea service ship	in practice	Marine en- gineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregat second year			
Months	Days		Maximum								
Months	Days	32	56	40	24	20	28	200			
2	26	28. 20	50. 40	36. 45	19. 98	17. 42	23. 94	176.			
5	20	23. 16	37.03	25. 70	16. 68	13. 95	23. 10	139.			
5	20	23. 48	38. 43	28. 10	17. 91	16. 66	23. 31	147.			
5	20	24. 00	39. 83	27. 95	17. 01	15. 25	24. 57	148.			
8	11	23. 64	40. 04	30. 50	18. 45	15. 32	23. 38	151.			
5	20	24. 16	42. 07	31. 95	18. 90	16. 21	23. 24	156.			
5	20	24. 84	40. 32	32, 35	18. 84	18. 26	22. 75	157.			
5	20	26. 12	39.06	31. 60	19. 02	16. 33	23. 24	155.			
3	11	25. 96	40. 95	31. 90	18. 93	14, 61	22. 26	154.			
5 5	20 20	27. 20 23. 40	45. 29 42. 56	32. 65 31. 25	20. 46 18. 78	18. 69 15. 94	23. 17 22. 89	167. 154.			
5	20	22. 48	38, 78	27. 40	19. 05	17. 73	22. 54	134.			
5	20	22. 84	44. 17	29. 30	17. 04	14. 64	22, 33	150.			
5	20	26. 48	40. 53	28. 65	16. 05	14. 87	23. 73	150.			
5	20	21. 12	36. 54	26. 60	17. 91	15. 56	23. 52	141.			
5	20	24, 28	40. 88	27. 55	17. 76	15. 48	23. 31	149.			
5	20	24. 16	35. 70	29. 40	17. 52	14. 01	23. 17	143.			
5	20	25. 08	42, 49	31. 90	17. 91	18. 03	22.96	158.			
5	20	26. 16	45. 36	29. 85	19. 65	16, 25	24. 64	161.			
5	20	23. 92	37. 45	27. 10	20. 10	15, 79	24. 43	148.			
5	20	26. 52	42. 49	30. 80	20. 28	18. 41	23, 59	162.			
5	20	21. 88	35. 49	27. 25	17. 22	15. 53	22. 47	139.			
5	20	24, 88	42. 28	29. 20	18. 90	14. 41	23. 59	153.			
8	11	26. 20	36. 61	28. 10	18. 93	15. 69	22. 89	148.			
5	20 20	25. 08 22. 16	41. 65 37. 31	31. 60 27. 90	19, 17 18, 48	18. 62 14. 23	22. 33 21. 28	158. 141.			
5	20	23. 52	36. 96	28. 25	17. 76	15, 14	21. 77	143.			
5	20	27. 36	46. 76	32. 90	17. 88	15. 62	22. 40	162.			
5	20	20. 20	36. 61	26. 15	17. 67	17. 73	22, 54	140.			
5	20	22, 84	40. 18	27. 70	16. 98	15. 69	21, 35	144.			
5	20	24, 64	38. 99	29, 45	18. 15	17. 40	22. 47	151.			
5	20	20. 88	35. 28	25. 30	17. 13	13. 90	22. 54	135.			
5	20	26. 48	41.72	30.00	18. 69	16. 63	22. 68	156.			
5	20	25. 04	39. 06	28. 25	16. 56	14. 85	21. 84	145.			
5	20	23. 80	37. 45	28. 35	17. 61	13. 68	24. 50	145.			
5	20	22. 84	34. 72	25. 65	17. 52	15. 58	22. 05	138.			
5	20	24. 76	44. 31	33. 40	18. 72	17. 42	22. 47	161.			
5	20	22. 36	38. 22	26. 55	16. 92	18. 12	23. 31	145.			
5	20	22. 56	40. 67	28. 25	17. 16	16. 24	22. 19	147.			
5 5	20	25. 44 23. 96	44. 31	33. 00	19. 14	18. 01	22. 61	162.			
5	20 20	20. 36	41. 09 35. 07	29. 80	19. 89	14. 42	24. 36	153.			
5	20	24. 32	42.84	25. 60 31. 80	16. 23 19. 32	17. 39 15. 65	21. 84 22. 68	136. 3 156. 0			
5	20	23. 08	45. 36	32. 55	20. 22	19. 01	23. 52	163.			
4	23	25. 08	44. 10	32. 55	20. 22	15. 73	22. 40	160.			
8,	11	24. 84	43. 96	.30. 80	17. 76	15. 36	23. 31	156.			
5	20	22. 20	36. 96	27. 10	18. 45	16. 08	22. 47	143.			
5	20	20. 96	35. 56	25. 25	16. 41	14. 93	25. 20	138.			
5	20	24. 00	42. 21	28. 70	17. 55	19. 39	22. 33	154.			
5	20	27. 36	42. 49	34. 45	20. 49	17. 39	26. 60	168.			
5	20	23. 92	36. 26	28, 35	18. 93	16. 70	21. 77	145. 9			
5	20	23. 72	36. 12	26. 95	17. 61	16. 11	22. 33	142. 8			
5	20	22. 52	40. 04	31. 05	17. 91	16. 58	23. 10	151. :			
5	20	22. 88	38. 43	27. 35	17. 67	15. 12	22. 89	144.			

Order		- 2			date of ission
of general merit for aca-	Names	State from which appointed	Date of admission	Years	Months
demic year		u –	-		
176	Gregg, Otis Cockerill.	Nebraska	Aug. 1, 1923	19	5
509	Griese, Lester Charles	Ohi o	July 11, 1923	19	10
151	Griffin, Charles Donald		July 21, 1923	17	6
614	Griffin, Samuel Hunter, jr	Virginia		19	7
327 86	Griffith, Philip SidneyGriffoul, Richard Geppert	Missouri Minnesota		16 17	11
528	Gross, Paul David	Pennsylvania		18	11
x559	Gullett, William Mayo	Illinois	June 29, 1922	17	11
414	Gwinn, Byron Charles			17	9
388	Habecker, Frederic Shrom	Pennsylvania	July 16, 1923	18	3
359	Hagan, Edward Paul	do	July 3, 1923	18	0
478	Hager, James Walker	Missouri		18	3
578	Hale, Harry Donald	Ohio		19	5
103	Haley, James Aloysius, jr	Massachusetts		19	4
159	Hamilton, Thomas James	Ohio		17	6
98 485	Hamley, Joseph Ronald	New Jersey	Aug. 13, 1923	18 19	5
2201/2	Hammitt, Frank Monroe Hammond, Wellington Anthony	Missouri	July 3, 1923	19	11
357	Hansen, George Louis	California	July 9, 1923	17	10
398	Hansen, Harold Dale	Nebraska	Sept. 6, 1923	19	2
611	Hardesty, Charles Jenkins, jr	North Carolina	Sept. 4, 1923	19	8
537	Hardison, Chesley Marshall	Tennessee	July 5, 1923	19	10
391	Hardwick, Harry Judson	Virginia	Sept. 12, 1923	19	11
123	Harnly, Harold Shepard	Florida	July 9, 1923	17	10
554	Harrell, Raymond Lee	At large	July 3, 1923	17	8
500	Harris, William Stephen	Alabama	July 2, 1923	18	11
579	Harrison, Charles Edward	Pennsylvania		20	1
275	Hazen, Joseph Truman	Kansas		19	4
586	Heald, Wiiton Stewart	At large	July 9, 1923	19	9
68 346	Heath, George Lucius	Illinois	July 2, 1923	19 17	5
60	Heavilin, John Seegar Heberton, Charles Muller	Indiana Pennsylvania	June 16, 1922 July 9, 1923	18	1
380	Heckey, Albert Rossville	Alaska	Aug. 17, 1923	19	4
128	Hegeman, Bruce	New York	July 6, 1923	19	11
*16	Heinlein, Rex Ivar	Missouri	July 3, 1923	18	3
295	Hellauer, Joseph Francis	Connecticut	July 11, 1923	19	0
180	Henkel, John Fisher	Illinois	July 9, 1923	19	C
289	Henry, Harold Aloysious	Wyoming	July 20, 1923	18	5
556	Henry, Patrick, jr	Arkansas	July 2, 1923	16	8
318	Herron, Edwin Warren	Oklahoma	July 5, 1923	17	8
*15	Hesser, Frederic William	Oregon	Aug. 22, 1923	18	9
129	Hetter, Frederick Laurence	Illinois	Aug. 1, 1923	16	6
383 66	Hewins, Charles Knowlton————————————————————————————————————	Maine District of Co- lumbia.	July 2, 1923 July 18, 1923	19 19	7 11
399	Hicks, Harry Lynnwood.		June 14, 1922	17	10
214	High, Paul Laverne		July 9, 1923	18	10
454	Hill, Adoniram Judson		July 3, 1923	18	9
296	Hill, Charles Phillips, jri		July 9, 1923	17	7
356	Hilton, Donald Barker	Massachusetts	July 2, 1923	. 18	8
6151/2			July 9, 1923	19	5
298	Hines, John Fore, jr		July 6, 1923	17	6
*5	Hinners, Robert Arthur	Illinois	Aug. 13, 1923	19	5
303	Hoerner, Herbert Lisle	Nebraska	July 5, 1923	20	1

second year of their academic course-644 members-June, 1925-Continued

	e in practice nips	Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggrega second year
-00		·			Maximum			
Months	Days	32	56	40	24	20	28	200
5	20	24. 68	42. 91	31. 25	19. 14	15. 08	23. 24	156.
5	20	21. 24	35.77	28. 30	18. 48	15. 41	. 22.33	141.
5	20	25. 48	42.84	28. 50	19. 53	18. 58	22.89	157.
5	20	20. 36	36. 19	25, 80	16. 77	14. 65	21. 63	135.
5	20	22. 76	39. 90	28. 50	18. 57	15. 80	22. 75	148.
5	20	25. 80	43. 19	32. 60	20. 25	17. 53	22. 75	162.
5	20	21. 52	36. 96	27. 10	17. 04	14. 55	23. 38	140.
8	11:	22. 76	38. 15	25. 20	16.92	13. 64	22. 47	139.
. 5	20	20, 92	37. 52	29. 15	16. 74	17. 16	23. 31	144.
5	20	23. 24	38. 29	28. 35	17. 97	15. 24	22. 54	145.
5	20	23, 96	38. 57	31. 30	18.87	14. 79	19. 60	147.
5	20	24. 44	35. 77	26. 25	17. 94	14. 55	23. 80	142
5	20	24. 44	35. 63	25. 60	16. 20	13. 13	23. 03	138.
5	20	26. 16	45. 15	31. 45	18. 75	16. 58	23. 10	161.
4	19	24. 00	41. 65	31. 80	20. 34	14. 47	24. 99	157
5	20	25. 88	44.94	31. 65	18. 63	16. 60	23. 73	161
5	20	22. 60	39. 06	27. 25	17. 19	14. 11	22. 26	142
2	26	25. 12	42. 56	31. 30	17. 52	14. 64	23. 10	154
5	20	22. 52	40. 88	28. 60	17. 64	16. 77	20. 72	147
5	20	24. 20	35. 77	28. 65	18. 15	15. 61	23. 03	145
5	20	23. 76	34. 16	25. 95	16. 38	13. 07	22. 54	135
5	20	22, 24	37. 03	27. 10	16. 38	14. 37	22. 82	139
4	19	21. 96	37. 87	28. 55	18. 36	14. 44	24. 43	145
5	20	25. 44	42. 91	32. 90	18. 63	17. 22	22. 96	160
5	20	21. 44	36. 68	25. 95	17. 64	15. 14	22. 54	139
5	20	22. 20	37. 66	27. 20	17. 04	14. 50	23. 31	141
5	20	21, 68	36. 89	27. 70	17. 55	14. 67	19. 53	138
5	20	25. 48	38. 15	30. 80	17. 37	15. 30	23. 59	150
5	20	20. 64	38. 22	25. 65	16. 20	14. 32	22, 47	137
5	20	26. 76	42. 14	34. 85	19. 11	18. 56	22.82	164
5	17	23. 48	37. 59	29. 00	19. 86	15. 21	22. 47	147
5	20	28. 40	47. 39	32. 40	17. 94	17. 16	22. 12	165
4	14	22. 84	39. 48	28.00	17. 22	14. 81	23. 52	145
5	20	24. 08	43. 19	33. 30	18. 30	17. 73	23. 10	159
5	20	28. 04	49. 21	35. 75	20. 88	16. 77	22, 96	173.
5	20	22. 04	38. 92	29. 70	19. 74	17. 19	22, 33	149.
5	20	25. 64	45. 78	30.00	17. 01	14. 51	23. 24	156
5	20	22, 92	40. 67	28. 75	19. 14	16. 63	21. 98	150.
5	20	20, 48	37. 59	26. 90	16. 74	14. 40	23. 24	139
5	20	24.00	40. 32	27. 50	18. 27	15. 35	23. 31	148.
4	28	26. 48	49. 21	35. 10	20, 52	18. 75	23. 87	173.
5	20	24, 24	42, 56	32, 50	19. 89	16. 55	23. 87	159.
5	20	22, 60	39. 69	28. 15	17. 34	14. 18	23.80	145.
5	20	24. 72	44. 73	32, 15	20. 64	18. 53	23. 80	164.
2	24	23. 12	37. 24	26. 18	18. 87	17. 24	22, 75	145.
5	20	24. 00	36. 68	31. 60	20, 55	19. 28	22. 61	154.
5	20	23. 72	36. 12	26. 90	19.83	15. 30	21. 63	143.
5	20	24, 32	41. 58	28.75	17. 40	14.33	23. 45	149.
5	20	22, 28	40.74	28. 85	18.39	14. 50	22. 40	147.
4	12	22. 12	37. 45	26. 15	17. 64	13. 09	18.62	135.
5	20	21. 36	37. 59	27. 80	19.65	18. 14	25. 13	149.
5	20	27.32	53. 27	38. 00	20.97	17. 65	22. 89	180.
4	8	25. 20	38, 15	30.00	17.79	13. 92	24, 22	149

Order					date of dission
of general merit for aca- demic	Names	State from which appointed	Date of admission	Years	Months
year					3
*22	Hogg, James Henry	Illinois	July 10, 1923	20	0
112	Holloway, James Gray, jr.	Texas	July 16, 1923	16	11
393 *17	Holmberg, Helmer Herbert Holtwick, Jack, jr	Missouri	July 20, 1923 July 16, 1923	19 16	5
96	Honsinger, Leroy Vernon	New York	July 10, 1923	17	10
563	Hookway, John Charles	Ohio	July 16, 1923	18	4
526	Hooper, Selden Gain	California	July 6, 1923	18	6
138	Horney, Harry Ray	Wyoming	Aug. 16, 1923	18	2
237	Hottel, Martin Perry	Washington	July 6, 1923	19	5
127	Hubbard, Miles Hunter	West Virginia	July 5, 1923	18	3
487	Hubert-Jones, Francis Reynolds	Pennsylvania	July 23, 1923	18	5
353	Huck, Wallace Mason	Illinois	July 21, 1923	18	3
232	Hudgins, Charles Harley	New York	Sept. 4, 1923	19	3
x448	Hughes, Roscoe Durall	Florida	June 17, 1922	19	4
482	Hull, Robert Vance	Pennsylvania	Aug. 6, 1923	18	0
213	Humes, William Young Conn, jr	Utah	Aug. 24, 1923	17	7
500	Hummer, Harry Reid, jr	South Dakota	July 16, 1923	17	2
309	Hunter Archibald Daniel	Illinois	July 5, 1923	17	11
93	Hunter, Archibald Daniel	Massachusetts	July 2, 1923	18	1 11
440 f613	Ignatius, William Russell Imhof, James Rathlot	Ohio	Aug. 6, 1923	16 20	11
539	Ingram, Arthur Girard	Pennsylvania	July 16, 1923 July 3, 1923	19	6
600	Irvin, William Davis	do	July 9, 1923	18	1
50	Jack, Samuel Sloan	Arizona	July 10, 1923	17	11
289	Jacobs, Tyrrell Dwight	Oklahoma	Sept. 4, 1923	19	1
428	Jarrell, Henry Thompson	Georgia	July 2, 1923	20	0
225	Jarrett, Othel Lawrence	West Virginia		19	10
220	Jeanes, Perry Kenneth	Texas	June 16, 1922	18	4
*9	Jelley, Joseph Franklin, jr	Pennsylvania	July 3, 1923	19	2
401	Jennings, William Croft	South Carolina	July 9, 1923	16	8
331	Jensen, Lawrence Maynard	Illinois	July 2, 1923	19	6
205	Johnson, Carroll Flint	Texas	July 5, 1923	18	0
433	Johnson, Donald Hilton	Iowa	July 9, 1923	17	10
541	Johnson, Edward Ridgway	Washington	July 2, 1923	19	2
523	Johnson, Frank Harold	New Jersey	July 6, 1923	19	3
i597	Johnson, Howard Ravenscroft	West Virginia	Sept. 4, 1923	20	2
243	Johnson, Robert Archie	South Carolina	July 12, 1923	17	10
175	Johnson, Seymour Anderson	North Carolina	July 7, 1923	19	5 4
364 598	Johnston, Andrew William, jr	Virginia	Sept. 4, 1923 July 16, 1923	20 19	4
598	Jones, George Lorraine, jr	Virginia	July 10, 1923	19	1
242	Jordan, James Adam	West Virginia	July 9, 1923	18	2
402	Judson, Stanley Everett	New York	Aug. 6, 1923	18	3
236	Juhan, Jack Philip			19	6
138	June, Frank Matthew	Iowa		18	4
477	Kaitner, William Eugene	Kansas	July 10, 1923	20	2
w	Kearns, John Joseph	New Jersey	July 3, 1923	18	2
555	Keepers, Kenneth Irving Carter	do	do	19	11
284	Keiran, Hugh Augustine Robert	Massachusetts	Aug. 2, 1923	17	3
248	Kellerman, Ross Rolland	New Mexico:	Sept. 25, 1923	18	11
144	Kern, Joseph William	Indiana	July 3, 1923	, 18	. 6
131	Kern, Willis Frederick	North Dakota	July 13, 1923	19	11
178	Keyes, Willard Dunster	Rhode Island	July 6, 1923	17	10
372	Keys, Lee Faris	Onio	July 3, 1923	18	5

second year of their academic course—644 members—June, 1925—Continued

Sea service shi	e in practice ips	Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregat second year
7)	Maximum	1		J
Months	Days	32	56	40	24	20	28	200
	200	27. 64	47. 53	35. 30	20. 49	17. 77	23. 45	172, 1
5	20 20	23, 64	44.38	31. 80	19. 89	18. 63	22. 47	160. 8
5	20	24. 44	39, 20	26. 95	16. 92	14. 56	23. 52	145. 5
5	20	28. 76	49, 14	34. 60	21.60	17. 48	21. 91	173. 4
5	20	26. 92	45. 36	30. 75	19. 23	15. 64	23. 73	161. 6
4	14	21. 44	37. 24	27. 15	16. 11	14. 43	22. 47	138. 8
5	20	22, 52	35. 63	26. 45	18. 12	14.78	23. 17	140. 6
. 5	20	24. 56	42.00	29. 90	19. 68	18.81	23. 80	158. 7
5	20	26. 44	41.02	29. 95	18. 24	15. 16	22, 19	153. (
5	20	25. 64	42. 63	31. 35	19. 32	16. 73	24. 08	159.
5	11	21. 52	36. 40	25, 50	18. 39	15.48	24, 92	142. 2
5	20	26. 08	39. 62	29. 15	16. 11	13. 58	22. 68	147. 2
8	18	22. 52	41.09	29.70	18. 78	18. 50	22. 68	153.
8	11	23. 68	39. 06	26. 80	16. 80	14. 02	23. 45	143.
5	.20	23. 36	36. 54	27. 95	15. 90	14. 60	24, 22	142.
5	20	23. 00 22. 16	44. 10 39. 13	31. 45 27. 40	18. 24 17. 40	15. 77	22. 19	154.
5	20	24, 56	40, 32	27. 45	18. 69	14, 19 15, 37	21, 63 22, 75	141.9
5	9 20	25. 20	44. 52	33. 85	19. 74	15. 54	22. 73	161.
5	20	22, 44	40. 53	29. 30	17. 10	15. 62	19. 11	144.
5	20	21. 56	36. 47	25. 45	16. 02	14, 00	21. 98	135.
5	20	22, 36	35. 21	26, 60	17. 07	16. 48	22. 19	139.
5	20	21, 00	36. 12	27. 50	17. 04	13. 76	21. 42	136.
5	20	28. 28	45. 85	33, 70	18. 33	16, 85	23, 87	166.
5	20	22. 48	40. 53	30. 70	18. 27	15. 85	22, 26	150.
5	20	23, 24	37. 59	27. 25	16. 23	15. 99	24. 08	144.
5	20	23.48	42. 84	30. 75	18. 48	16. 12	22. 40	154.
5	. 20	25. 08	40. 32	32. 50	17. 94	15. 63	22, 82	154.
. 5	20	26, 64	52. 57	36. 30	20. 52	16. 91	23. 38	176.
5	20	22. 76	38. 57	27. 80	19. 23	15. 42	21. 56	145.
5	20	25. 88	40. 95	27. 10	16. 80	13. 65	23. 73	148.
5	20	26.36	39. 83	30. 10	18. 96	16.00	23. 80	155.
5	20	23, 44	38. 15	28. 55	18.36	13.66	22. 12	144.
5	20 20	22, 08 23, 04	37. 24 35. 98	29.35	16. 95	13.44	20.79	139.
2	15	23. 04 20. 56	35. 98	25. 60 25. 10	17. 82 17. 19	15. 37 15. 30	23. 03 24. 01	140. 137.
5	20	20. 30	42. 63	29, 75	17. 19	17. 65	21.77	157.
5	20	23. 20	41.30	31.35	19. 56	17. 71	23. 31	156.
5	. 20	22, 24	38. 36	27.60	19. 56	16.38	22. 68	146.
5	20	21.08	36. 89	26. 10	16. 95	13. 57	22, 40	136.
5	20	22, 00	35.35	25. 75	17. 94	13.58	22.47	137.
5	20	25. 60	40.60	29.35	18.39	16. 20	22, 61	152.
5	20	22. 88	38. 43	26. 75	18. 24	17. 24	21.77	145.
5	20	22.80	40. 88	30. 95	18, 72	16.46	23.24	153.
5	20	25.44	40.88	31. 95	18. 96	17. 51	24. 01	158.
5	20	23. 32	38. 71	27. 15	16. 71	14. 67	22. 26	142.
2	24	(4)	(4)	(4)	(4)	(a)	21. 98	(a)
2	24	20.32	35. 42	25. 15	18. 30	17.44	22. 75	139.
5	20	21. 20	39. 13	30. 70	18.42	18.46	22. 33	150.
5 5	20 20	25. 72 25. 32	42. 56	30.60	16. 02	14.58	23. 03	152.
5	9	25. 32	42. 21 47. 18	31.30	18. 84	15. 18	25. 41	158.
5	20	26.08	41. 18	31. 40 29. 60	19. 11 17. 58	16. 61 17. 85	20. 23 23. 17	159. 156.
5	20	23. 32	39. 20	27. 70	16. 83	17. 05	22. 26	146.

Order					t date of ission
of general merit for aca- demic	.Names	State from which appointed	Date of admission	Years	Months
year					
235	King, Tom Cobb	Arizona	July 6, 1923	17	3
321	Kirk, Francis Shallus	Missouri	July 10, 1923	18	7
417	Kirk, Lowell Modrall	Texas	July 6, 1923	17	9
r525	Kitchin, Bethuel Meade	West Virginia	do	18	8
182	Klakring, Thomas Burton	Connecticut	Aug. 2, 1923	18	7
181	Knickerbocker, William Lane	Michigan	July 2, 1923	19	4
421	Knight, Levy James, jr	Florida	July 10, 1923	17	7
42	Knowles, Kenneth Alward	Maryland	July 18, 1923	19	6
314	Knuepfer, George	Illinois	July 2, 1923	19	0
x407	Koonce, Allen Clark	Ohio	July 11, 1922	17	6
85	Koonce, Henry Thompson	do	July 10, 1923	16	8
198	Kowalzyk, Alex	Maine	do	19	4
415	Ladd, Gregory Albee	Minnesota	Aug. 30, 1923	18	7
74	Lamons, Ernest Washington	Florida	July 10, 1923	17	11
333	Lampman, Leland Ralph	Indiana	July 9, 1923	18	4
549	Lange, George Adam	Connecticut	July 17, 1923	20	2
365	Latimore, Daniel Webster	Tennessee	July 3, 1923	18	C
211	Lawrence, Martin Jay	Vermont	Aug. 15, 1923	18	7
97½ 618		Montana Maryland	June 14, 1922 Aug. 11, 1923	17 19	8
540	Leatherman, Fred James Legwen, Glenn Walker, jr	Georgia		18	1
322	Levin, Richard Benjamin	Connecticut	July 16, 1923 Aug. 17, 1923	18	8
583	Lewis, Francis Porcher	Alabama	July 10, 1923	17	4
527	Lewis, George Alexander	Virginia	July 11, 1923	18	5
223	Lewis, Jack Hayden.	Texas	July 16, 1923	19	5
<i>t</i> 615	Lichty, Maurice Gerald	Iowa	June 16, 1922	18	4
370	Lindell, Edward Dempster	Maryland	July 2, 1923	18	6
245	Lindsey, Eugene Elbert	Arkansas	Sept. 8, 1923	18	2
54	Litty, Frederick Lucas, jr	Missouri	Sept. 18, 1923	18	(
123	Loberg, Harry John	Michigan	Aug. 27, 1923	17	10
*27	Loeser, Arthur Edward	New York	Aug. 15, 1923	20	4
425	Lofberg, Gus Brynolf, jr	Michigan	June 14, 1922	19	2
218	Loos, Robert Bruce	Pennsylvania	July 3, 1923	17	2
301	Loud, Wayne Rowe	Ohio	Aug. 2, 1923	18	1
124	Loveland, William	Pennsylvania	Aug. 1, 1923	19	2
200	Lowrie, Noble Wayne	do	July 10, 1923	18	8
228	Lucas, James Walter, jr	Mississippi	Sept. 25, 1923	19	C
82	Lucier, James Aloysius	Massachusetts	Aug. 13, 1923	18	5
480	Lugibihl, Eugene Lee	Ohio	June 28, 1922	19	
i623	Luongo, Henry	New York	Sept. 7, 1923	19	7
340	Madison, John Meek	Louisiana	July 10, 1923	17	7
126 453	Maginnis, Jack Maher, Joseph Benedict	California Connecticut	July 2, 1923 July 11, 1923	19 19	5
535	Mallett, William Edgar, jr	Mississippi	July 3, 1923	18	6
219	Malley, John Wallace	West Virginia	July 20, 1923	17	5
490	Malone, Louis Theodore	Ohio	Aug. 31, 1923	18	8
40	Manville, Francis Crane	Idaho	July 6, 1923	18	11
531	Marggraff, Frederick Charles, jr	Connecticut	July 5, 1923	18	ŧ
417	Marks, Arthur Duncan			19	1
55 2	Marshall, Henry Morris	Minnesota		19	11
620	Martin, Edward Joseph	Massachusetts		17	10
307	Martin, Farar Benjamin Conner	Mississippi	July 5, 1923	17	9
101	Martin, Hunt Vreeland		July 11, 1923	17	6
117	Martin, Leslie Arnold			17	6

second year of their academic course—644 members—June, 1925—Continued

Sea service i ship		Marine en- gineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregat second year
Months	Days				Maximum			
Months Days		32	56	40	24	20	28	200
5	20	23. 44	42, 91	29. 10	18.30	16. 56	22.75	153. (
5	20	23.16	42.07	28. 35	17. 13	14.80	23. 03	148. 5
5	11	25. 52	39. 27	27. 50	16. 05	13. 65	22, 75	144.7
2	24	22. 12	35. 98	25. 30	18. 21	15.76	23. 31	140. 6
5	20	23. 92	39. 90	31.85	19.38	17. 29	23, 80	156. 1
5	20	25. 56	38. 50	31. 05	19.35	17. 63	24. 08	156. 1
5	20	21, 96	37. 80	27. 70	19.86	18.80	18.48	144. 6
5	20	27. 08	45.85	34. 20	20.79	16. 13	24. 29	168. 3
5 8	20	23. 84 24. 56	38. 92 37. 80	28. 10 27. 30	18. 96 18. 39	15. 64 13. 52	23. 52	148.9
5	11 20	26.68	43. 26	33.75	18. 39	13. 52	23. 59	145. 1 162. 2
5	20	23. 20	41. 23	30, 65	19. 44	16. 81	21. 56 24. 08	155. 4
5	20	21.44	40. 39	30. 35	17. 73	13. 44	21.42	144.
5	20	24. 64	43. 96	33.65	21. 18	17. 70	22. 26	163. 3
5	20	27. 00	36. 19	29.30	18. 54	14. 37	22, 68	148. (
5	20	20. 96	35. 84	26. 80	17. 25	15. 54	23. 10	139. 4
5	20	21. 96	42.07	29. 55	17. 73	13. 58	21. 91	146.
5	20	24. 48	44.10	29, 05	17. 22	15.80	24. 15	154.
2	21	24. 64	46. 90	33. 05	18.60	15. 75	22, 54	161.
5	20	20, 48	36. 40	25. 00	15. 93	13. 82	23. 03	134.
5	20	21.76	37.03	28. 05	18.36	14. 01	20.65	139.
5	20	23. 60	39. 34	27.75	18, 21	17. 16	22.47	148.
5	20	20. 36	35.07	26. 55	18. 90	15.04	21.84	137.
5	20	21. 16	37. 52	27.40	15. 81	14. 59	24. 08	140.
2	24	25. 60	41. 72	28. 65	19.56	15.81	22. 82	154.
7	5	22.88	37. 24	27. 15	17. 34	13. 81	16.66	135.
5	20	23. 20	39. 13	28. 05	17_76	15. 25	23. 10	146.
5	20	23. 76	40. 74	29. 35	18. 69	17. 04	23. 10	152.
. 5	20	26. 20	46.06	33. 30	18. 78	17. 96	24. 01	166.
5	20	25. 84	44, 52	32, 05	20. 07	14. 34	23. 24	160.
5	11	27. 96	48. 44	32.95	19.14	16.62	26. 25	171.
8	11	22, 48	37. 38	27. 85	18, 24	16.68	21.84	144.
4	28	24. 08	41.79	31, 45	18. 39	15. 81	23. 03	154.
5	20	22. 84 24. 76	39, 83 43, 05	31. 05 32. 65	17. 40 19. 68	15. 48	22.89	149.
5	20	25. 28	46. 97	29. 65	19. 68	17.62	22. 26 22. 47	160.
5	20	22.68	46. 83	29. 65	17. 04	13. 79 14. 94	22.47	155.
4	28	24.88	45. 50	31. 75	18. 63	17. 67	23. 87	153. (162. :
5	20	24.16	. 36.33	27. 50	16. 65	15. 09	22.89	142.
2	24	19. 68	35. 56	25. 30	16. 77	14, 12	22. 68	134.
5	20	22. 80	37. 59	29. 55	19.35	15. 70	22.89	147.8
5	20	25, 28	43. 54	32.90	19. 26	16.74	22, 12	159.
5 .	20	22, 28	37. 66	28. 45	17. 31	15. 73	22, 12	143.
5	20	21. 24	36. 47	26. 95	18. 87	15. 08	21. 42	140. (
5	20	24.48	41.16	29. 75	19. 47	16. 76	22.89	154.
5	20	22, 36	37. 10	28. 25	17. 94	14.14	22. 40	142.
5	20	24.48	€6. 69	33. 55	21.84	18.67	23. 24	168.
5	20	22. 84	36. 47	27. 20	17. 10	14. 01	22. 61	140.
5	20	22. 08	37. 45	29. 45	16. 65	16. 01	23. 10	144.
5	20	21. 56	37. 66	26, 30	17. 13	14. 59	22, 19	139.
5	20	20. 48	35. 49	25. 40	15. 96	13. 03	24. 01	134.
5	20	22.88	39. 97	28, 25	18. 27	15. 60	24. 22	149.
5	20	24. 24	44. 03	33, 20	20. 04	16. 63	23. 17	161. 3
5	20	25. 40	42.63	30. 90	20. 58	17. 11	23. 87	160.

Order					t date of dission
of general merit for aca- demic	Names	State from which appointed	Date of admission	Years	Months
year					
368	Martin, Robert Ferree	Pennsylvania	Sept. 20, 1923	18	4
231	Martin, Wiss Murray	Mississippi	Sept. 8, 1923	19	11
471	Massie, Thomas Hedges	Kentucky	Aug. 6, 1923	18	5
261	Matthews, Mitchell Dudley	do		20	1
203	Mayer, Eldon Cunningham	Ohio	July 6, 1923	17	7
574	Mayfield, Albert Buford, jr	Kentucky		20	5
162	Mayo, Thomas Louis	North Carolina		18	4
209	McAlister, Francis Marion	Mississippi	Sept. 11, 1923	18	5
513	McCann, Francis Wyllie	Massachusetts		17	11
434	McClaughry, John Glenn	Illinois	July 3, 1922	18	8
278	McCord, Harlow	Nebraska	July 5, 1923	19	0
168	McCormick, James Rhorer	Mississippi		19	11
*30	McCoy, Melvyn Harvey	Indiana	July 5, 1923	16	6
5341/2	McCune, Francis Creith Brewer	Pennsylvania		19	11
366	, 5	Virginia		19 18	8
58 374	McGarry, William Thomas	Arkansas		19	5 2
467	McGinness, Robert Joseph, jr	North Carolina			
248	McIlhenny, Harry Haywood McKechnie, Arnold Wilfred	Minnesota		18 19	. 11
329					. 0
622	McKinney, Eugene B.	Oregon		20 19	0
160	McKinney, Joseph Dwight McKinstry, James Joseph	Tennessee.		17	10
518	McRoberts, James Johnston	Missouri	July 11, 1923 July 10, 1923	19	10
259	Mead, George Gordon	New York		16	5
67	Mechling, Wallace Bristol	At large	Aug. 20, 1923	16	. 5
385	Melson, Charles Leroy	Virginia	July 6, 1923	19	1
88	Mewhinney, Leonard Sparks	Texas	July 16, 1923	16	8
164	Midtlyng, Carl Robert	Montana.	July 11, 1923	17	5
553	Milburn, John Alexander	Washington	July 17, 1923	18	10
47	Miles, Paul Dombey	Illinois	July 2, 1923	18	2
93	Miller, Kenneth Ross	Pennsylvania	Sept. 20, 1923	17	6
*29	Miller, Shirley Snow	Florida	July 5, 1923	16	4
437	Mitchell, Ray Andes	Tennessee	July 11, 1923	18	6
185	Mitchell, Samuel Gavid	do	July 5, 1923	18	11
277	Monroe, Jack Pendleton	Ohio	Aug. 2, 1923	19	1
348	Montgomery, Alan Robert	South Dakota	July 11, 1923	18	4
183	Moore, Benjamin Eugene, jr	North Carolina	July 9, 1923	16	11
568	Moore, Granville Alexander	Virginia	Aug. 20, 1923	18	2
155	Moore, Raymond John	West Virginia	July 9, 1923	. 19	8
475	Morgan, Robert Burks, jr	Virginia	July 5, 1923	18	7
158	Morris, Loren Arthur	Missouri	Aug. 1, 1923	19	6
279	Mortenson, George William	Massachusetts	July 3, 1923	19	10
i610	Mulholland, George Anthony	Pennsylvania		18	7
498 166	Munn, John Calvin	Arkansas	July 9, 1923	16	9
53	Murphy, Joseph Nathaniel Murphy, John William	At large	July 6, 1923	18 17	1
570	Mye, Lester Benjamin	Now Vorl	July 6, 1923 Sept. 4, 1923		6
517	Myers, Curtis Arthur William	New York	July 16, 1923	19 18	10 3
587	Myers, Richard Edwin	Indiana	July 10, 1923	17	9
263	Napier, Edmund Tressilian, jr		July 10, 1923 July 2, 1923	17	9
376	Nation, Milton Adolphus	Illinois	Aug. 31, 1923	19	0
100	Nation, William Millage	do	July 9, 1923	17	9
481	Neblett, Thomas Barbee	Arkansas	July 6, 1923	18	11

second year of their academic course-644 members-June, 1925-Continued

Sea service in practice ships		Marine en- gineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregat second year
	-]	Maximum			'
Months	Days	32	56	40	24	20	28	200
5	20	23. 32	39. 27	28. 55	16, 50	16. 18	22, 54	146. 5
5	20	25.32	39. 90	28. 95	20. 52	16. 67	22.05	153. 4
5	20	21. 12	37. 59	28.20	18.00	16. 71	21. 42	143. (
5	20	23. 92	38. 92	30.40	18. 72	15. 75	23. 80	151.
5	20	24.04	37. 66	31.65	19. 59	17. 98	24. 15	155.
5	20	20. 92	35. 98	25. 95	16. 71	15.65	23.10	138.
5	20	23. 20	43. 54	30. 50	19.92	17. 12	22.89	157.
5	20 24	24, 24	42. 42	30. 95	17.82	16. 51	22.89	154.8
8	11	22. 28 22. 96	37.66	28.65	17. 13	13. 28	22. 40	141.
5	20	24. 84	37. 17 39. 34	26. 85 29. 05	19. 29 19. 65	16.30 15.19	21. 70 22. 40	144.
5	20	24. 72	42. 98	31. 60	18. 48	15. 51	23.45	156.
5	20	24. 72	53.41	33. 70	20. 10	18. 20	20, 79	170.9
5	20	24. 56	35. 28	27. 30	16.50	13.67	22.75	140. (
5	20	22.36	38. 85	28, 45	18. 57	15. 24	23. 17	146.
4	19	25. 84	45. 15	31. 90	18.96	18. 33	25. 48	165.
5	20	23.88	45. 22	28.40	16.89	14. 99	16. 80	146.
5	20	22, 24	38. 92	28. 15	17.43	14, 33	22. 12	143.
5	20	23.08	40.81	31. 90	17. 91	16. 27	22.54	152.
5	20	23. 56	38.57	28.05	18.84	15. 55	23.66	148.
5	20	20.00	35. 70	25. 40	17. 25	14. 94	20. 93	134.
5	20	24. 20	42.63	31.85	19.32	16. 71	22. 47	157.
5	20	23.32	37. 17	26. 95	16.44	14. 23	23. 10	141.
5	20	24, 68	37. 52	28. 30	19.77	17. 69	23. 73	151.
5	20	26. 44	45. 85	34. 30	18. 66	17. 68	21. 56	164.
5	20	24. 44	36. 75	27. 75	18. 87	13. 70	24. 22	145.
5	20	24. 08	43. 96	32. 40	19. 50	18. 83	23. 31	162.
5	20	25. 96	43. 75	31. 20	18. 30	14.82	22, 96	156.
5	20	21. 76	36. 19	26. 30	17. 52	14.62	23. 03	139.
5	20 20	26. 12 22. 96	47. 11	33. 05	21. 96	17. 29	22, 40	167.
5	20 20	26, 28	45. 99 46. 62	32, 50 33, 65	18. 63 21. 33	18, 70 19, 08	22, 96	161. 1 171. 1
5	20	23. 88	37. 24	26, 95	16. 89	16. 42	24. 29 22. 75	144.
5	20	24. 16	38. 57	31. 25	21. 06	17.83	23. 17	156.
5	20	23. 80	38. 64	31. 45	18. 96	17. 47	20. 30	150.
5	20	25. 08	41. 09.	28. 05	17. 07	14. 31	21. 91	147.
5	20	23. 60	43. 54	30. 40	19. 80	16. 41	22. 33	156. (
5	20	22. 12	34. 51	26. 60	17. 73	14. 58	23. 03	138.
5	20	26. 32	41.09	30, 90 [20. 37	15, 57	23. 24	157.
5	20	23. 52	36. 40	27. 25	17. 91	15. 15	22, 61	142, 8
5	20	25. 96	42.63	32.00	16. 89	16. 47	23. 31	157. 5
5	20	25. 20	38.08	29. 50	17. 85	17. 11	22, 61	150.
2	24	21. 08	35. 07	26, 60	16. 74	14, 15	22. 47	136.
5	20	23. 64	36. 61	26.85	17.64	14. 33	22. 89	141. 9
5	20	26. 60	39. 97	30. 50	20. 37	15.82	23. 66	156. 9
4	25	26. 76	47.11	34. 65	19. 41	15. 91	22, 61	166.
5	20	23. 00	36. 33	25. 75	17. 49	13. 49	22. 47	138. 5
5	20	20, 40	36. 75	27. 00	18. 24	17. 29	21, 56	141.
5	20	20. 92	36. 47	25, 40	17.04	14. 83	22, 82	137.
5	20	22. 64	42. 42	30. 55	18. 30	15. 17	22, 33	151. 4
5	20	22. 36	39. 06	26. 95	18. 36	16. 40	22, 89	146. (
5	20	25. 08	45. 57	32, 30	19. 59	16. 46	22, 33	161. 3
5	20	24, 52	35, 35	27. 45	17. 52	14. 67	23. 10	142. 6

Order			0		t date of dission
order of general merit for academic year	Names	State from which appointed	Date of admission	Years	Months
238	Neuhauser, Newlin	Pennsylvania	July 12, 1923 July 7, 1923	18	3
592 102	Newbegin, Robert Goodchild, 3d Newhart, Harold Guthrie	New York	July 7, 1923 July 6, 1923	16 20	5
302	Newton, Miles Stanley	Vermont	Sept. 4, 1923	20	4
496	Nickelson, William Richardson David, jr.	Arkansas	Aug. 6, 1923	18	4
255	Nilon, Leo William	New York	July 11, 1923	17	7
125	Oberrender, Thomas Olin	Pennsylvania	July 20, 1923	16	10
347	Olin, Philip Carl	Iowa	Aug. 6, 1923	19	3
56	Olsen, Eliot	Massachusetts	July 2, 1923	19	7
177	Olson, Robert Alexander	New Jersey	July 11, 1923	17	8
484	O'Neil, Archie Edward	West Virginia	July 25, 1923	17	11
474	O'Neill, David Ferguson	Alabama	Sept. 4, 1923	18	8
*20	Organ, William Hugh	Nevada	July 3, 1923	20	1
343	Osborn, Wendell Gullefer	Indiana	July 10, 1923	17	9
585	Outerbridge, William Woodward	Ohio	July 6, 1923	17	3
*1	Overfelt, Ferol Davis	New Mexico	July 9, 1923	18	7 2
104	Overfield, David Basham	Montana	July 10, 1923	17 18	1
183 91	Owen, Hilfort Craft	Hawaii New York	July 31, 1923	19	4
293	Paige, Henry Reid Palmer, Robie Ellis	Maine	Aug. 1, 1923 July 10, 1923	19	0
530	Pancoast, Leonidas Walthall	Texas	July 12, 1923	19	2
148	Parke, Lee Wood-	Tennessee	July 7, 1923	19	3
532	Parker, Charles William	Ohio	July 10, 1923	17	11
140	Parks, J. D	Tennessee	Sept. 26, 1923	18	4
487	Pate, Oscar Willis, jr	Georgia	July 5, 1923	18	7
403	Patrick, Marion Gardner	do	July 2, 1923	18	6
589	Patterson, Alexander McLeod	North Carolina	July 3, 1923	18	7
75	Patterson, Earl Barnard	Missouri	do	19	6
r46	Pepper, William Mullin, jr	Florida	July 10, 1923	19	11
601	Perkins, Fordyce Byron	Rhode Island	July 9, 1923	18	11
121	Pfingstag, Carl Jesse	Indiana	July 16, 1923	17	4
*11	Pfingstag, Herbert John	do	do	19	5
42	Phillips, Richard Helsden	California	July 10, 1923	16	7
558	Pickering, Sam	Alabama	Sept. 4, 1923	18	7
w	Pierce, Robert Archer	Texas	July 11, 1923	17	8
192	Piper, Earl Sanford	Missouri	June 20, 1922	17	4
510 143½	Ponvert, Edwin King	New York	Sept. 4, 1923	19	8 4
441	Potter, George Hubbard	Montana	Sept. 28, 1923	17 19	1
568	Potts, William Hutton	Pennsylvania	June 21, 1922 Aug. 31, 1923	19	1
212	Price, Kenton Edson	Oklahoma	July 9, 1923	16	9
173	Price, Walter Harold-	District of Columbia.	Aug. 8, 1923	19	8
266	Prichard, James Alexander	Texas	July 23, 1923	18	0
395	Pryce, Roland Fremont	Pennsylvania	July 16, 1923	17	0
394	Purdy, Howard Edward	New Jersey		19	9
133	Pyne, Charles Crosby	At large		17	10
316	Quackenbush, Robert Stewart, jr	New York		19	6
572	Quattlebaum, Winston Irwin	Texas	Aug. 17, 1923	19	10
548	Ramsay, James Alston			17	1
*22	Ramsey, Paul Hubert	Ohio		18	5
*24	Randig, Wesley Herbert	Massachusetts	do	20	1

second year of their academic course-644 members-June, 1925-Continued

Sea service in practice ships		Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year	
			Maximum						
Months	Days	32	56	40	24	20	28	200	
5	20	23. 76	39, 97	30, 85	19. 17	15. 22	24. 01	152. 98	
5	20	20. 88	3955	27. 30	16. 23	13. 95	19. 39	137. 30	
5	20	25. 04	44. 66	31. 80	19. 41	16. 14	24, 22	161. 2	
8	18	26. 20	39. 55	28. 75	19.05	14. 19	21. 56	149. 3	
5	20	22, 36	38. 50	27. 30	16. 35	14. 61	22, 89	142. 0	
5	20	23, 68	40. 18	30, 55	19.89	15. 66	22. 05	152, 0	
. 2	24	25. 00	45. 15	32, 50	17. 22	16. 83	23. 17	159. 8	
5	20	25. 60	37. 59	28. 50	16. 95	15. 24	23, 66	147. 5	
3	11	26. 16	43. 12	32, 30	18. 60	18. 39	27. 23	165. 8	
5	20	27. 40	42. 00	32, 10	17. 88	13. 71	23. 17	156. 2	
2	24	22. 28	37. 87	27. 50	17. 55	14. 70	22. 61	142. 5	
. 5	20	22. 32	35. 77	28. 25	18. 33	14. 98	23. 24	142, 8	
4	25	25. 40	49.77	36. 85	19. 41	16. 57	24.36	172. 3	
4	19	24. 04	37. 17	28. 30	17. 97	17.34	22.96	147. 7	
5	20	22. 96	35. 98	25. 25	16. 59	13. 58	23. 24	137. 6	
5	20	29. 84	53.76	37. 35	22. 05	19.46	25. 27	187. 7	
5	20	25. 80	43. 61	31. 95	20.01	17. 12	22, 68	161. 1	
- 4	23	25. 96	42, 21	31, 90	17. 61	16, 28	22. 12	156. 0	
4	19	26. 24	40, 95	32. 85	19. 62	17. 25	24. 99	161. 9	
5	20	23. 60	37. 87	29. 45	18. 18	17. 71	23. 44	150. 0	
5	20	23. 56	36. 82	26. 70	17. 16	13. 79	22, 40	140. 4	
5	20	26. 84	41. 51	32, 30	19. 83	15. 20	22, 47	158. 1	
5	20	20. 76	36. 68	26. 80	19. 41	14. 23	22, 33	140. 2	
5	20	23. 04	45. 85	31.00	19. 02	18. 47	21. 35	158. 7	
5	20	23. 04	39. 20	27. 55	17. 46	13.75	21, 21	142. 2	
5 5	20	22. 64	37. 17	26, 50	18. 36	17. 29	23. 31	145. 2	
5	20	20. 56	34. 93	25. 50 35. 60	18. 51 20. 73	14.92	22. 96 22. 96	137. 3 163. 3	
. 2	20 24	25. 84 27. 12	41. 86 46. 90	33. 15	19. 95	16. 38 17. 46	23. 45	168.	
5	20	21. 60	36. 54	26. 20	17. 34	13. 72	21. 42	136. 8	
5	20	26. 12	45. 36	31, 40	17. 73	15. 40	24. 15	160.	
5	20	27. 72	52. 01	35. 60	19. 47	17. 40	23. 59	175.	
5	20	26. 08	46. 76	34. 50	19. 95	18. 58	22. 47	168. 3	
5	20	20, 64	36. 61	26, 80	16. 47	15. 04	23. 66	139.	
2	24	(a)	(a)	(a)	(a)	(a)	23. 66		
5	20	23. 32	42. 49	29. 60	19. 14	17. 76	23. 38	155. (
5	20	22. 08	35. 07	26. 40	18. 96	16. 56	22. 40	141.	
5	20	23. 12	42. 14	31. 95	19. 65	18. 40	23. 10	158.	
. 5	20	23. 36	36. 33	28. 75	18. 06	14. 46	23. 03	143.9	
5	11	23. 96	37.45	25. 65	15. 54	13. 22	22. 75	138.	
5	20	25. 16	41. 79	31. 35	17. 40	15. 98	23. 10	154.	
5 `	,11	25. 36	43. 26	31. 25	17. 55	14. 89	24. 22	156.	
5	20	23. 80	42. 21	28. 85	18. 87	15. 17	22. 33	151. :	
5	20	23. 56	37. 24	26. 30	18. 81	16. 04	23. 59	145.	
5	20	20. 84	39. 27	27. 45	17. 85	18. 05	22. 12	145.	
5	20	26. 92	40. 88	34. 90	18.30	14. 07	24. 01	159.	
5	20	24. 08	40. 18	29. 35	18. 72	14. 56	21, 91	148.	
5	20	23. 12	37. 03	27. 10	17. 67	13. 12	20. 37	138.	
5	20	21, 68	36. 47	26, 60	17. 01	15. 73	22. 05	139.	
5 5	20	27. 32	49. 35	34. 40	19. 44	18. 43	23. 24	172.	
5	20 20	29. 84 25. 32	48. 44 43. 61	34. 15 31. 70	20. 16 18. 63	16. 97 13. 74	22. 26 21. 07	171. 154.	

				Age a	t date of
Order				adm	ission
of		0			
general		Ctata from which	Data of		
merit for	Names	State from which appointed	Date of admission		
aca-		- PP		37	25. 42.
demic				Years	Months
year					
206	Rathbun, Ross Fay	New York	July 20, 1923	18	8
r454	Reinders, Raymond John	Wisconsin	July 16, 1923	19	0
71	Rice, Robert Henry		July 6, 1923	19	10
363	Richards, Harold Peter		July 2, 1923	17	10
288	Richardson, Gill MacDonald.		July 20, 1923	17	11
382	Rickabaugh, Robert Stultz		Sept. 13, 1923	17	9
241	Rickertts, Roland Wendell		June 21, 1922	20	0
378	Rider, James Conklin		July 2, 1923	18	11
*21	Rigby, James Verne		do	18	8
324	Riker, Monro Marvin	T. Contract of the Contract of	July 6, 1923	18	7
312	Riley, Herbert Douglass	Maryland	do	18	6
156	Roberts, James McNeill	North Carolina	July 12, 1923	19	0
452	Roberts, Nathaniel Taylor		July 9, 1923	16	6
404	Robinson, Alvin	New Jersey	Aug. 17, 1923	18	5
276	Robinson, Edwin Burton	do	July 13, 1923	19	10
565	Rogers, Richard Boone	Florida	July 5, 1923	18	5
270	Romizer, William Taylor	Indiana	July 2, 1923	19	5
1451	Rose, Gardner Keyes Grout			19	2
594	Ross, Philip Harold		July 5, 1923	17	7
584	Ross, Richard Potts, jr	Maryland	July 10, 1923	17	4
529	Rounds, Clinton Stilwell		July 3, 1923	19	10
*28	Rowley, Welton Dana		July 11, 1923	17	8
497	Royall, William Freeman		July 3, 1923	19	3
627	Rubins, Joseph Russell		July 10, 1923	18	1
384	Russillo, Michael Peter	New York		17	8
*12	Rutledge, Raymond Poston			17	5
411	Sabater, Jaime	Porto Rico		19	1
424	Sabol, Ernest John	Pennsylvania	July 6, 1923	19	1
763	Salzer, Karl Roberts	Florida	do	19	1
149	Sands, William Robert, jr	Indiana	July 5, 1923	16	10
345	Sauer, Lloyd Raymond		July 16, 1923	18	2
389	Saunders, Willard Arthur	Montana	July 3, 1923	18	8
52	Scheer, George Henry, jr	Wisconsin	July 5, 1923	18	5
444	Schirmeyer, Theodore George	do	July 10, 1923	17	6
239	Schmidt, John William	New York	Sept. 15, 1923	17	4
354	Schumacher, Jules Frederick	do	Oct. 3, 1923	19	2
150	Schumm, Brooke	do	July 6, 1923	17	7
44	Schwab, Jacob Clifford	Kentucky	Aug. 1, 1923	18	3
132	Schwarz, Alden Delbert	Illinois	July 3, 1923	19	0
*14	Scoles, Albert Buddy		July 2, 1923	17	. 7
163	Scott, Roger Frederick		Sept. 20, 1923	18	10
323	Scott, Roy		July 28, 1923	19	1
89	Seabring, Cornelius Samuel		Aug. 2, 1923	17	1
567	Shafer, David William		July 3, 1923	18	10
201	Shanahan, Edward Kim	Michigan	July 10, 1923	19	0
337	Shands, Courtney	Missouri	July 6, 1923	17	7
305	Shank, James Leo	Iowa	July 10, 1923	16	7
493	Shapley, Alan	California	July 18, 1922	19	5
375	Sharp, Ulysses S. Grant, jr	Montana	July 16, 1923	17	3
551	Shaw, George Joseph, jr	At large	July 7, 1923	19	1
i628	Shaw, Herbert Weller	California	June 16, 1922	19	6
h609	Shea, William Wolcott	Maryland	July 7, 1923 July 9, 1923	19	3 3
436 458	Sheaffer, Lewis John Sheehan, Harold Robert	Pennsylvania Massachusetts	July 9, 1923 July 6, 1923	18	5
400	oneenan, maroid mobert	Massachuseus	July 0, 1923	10 1	0 1

¹ Will appear in subsequent registers as "Grout, Gardner Keyes, 2d." Authorized to change name.

second year of their academic course-644 members-June, 1925-Continued

	e in practice lips	Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
					Maximum			
Months	Days	32	56	40	24	20	28	200
5	9	24. 52	41. 23	34. 45	18. 39	15. 21	21. 21	155, 01
5	20	23. 52	38. 57	28. 40	17. 16	14. 29	21. 56	143. 50
5	20	25. 32	42. 56	31. 95	21. 45	18. 75	23. 59	163. 62
5	20	22. 92	38. 22	27. 10	19. 35	15. 28	24. 01	146. 88
5	20	23. 96	39. 13	27. 90	19. 59	16. 43	23. 10	150. 11
5	20	22. 20	40.18	28. 50	17. 49	14. 89	22. 54	145. 80
. 5	17	27. 64	39. 13	29. 30	18.66	15. 16	22. 96	152. 85
5	20	24.88	38. 15	28. 30	18. 57	13. 92	22, 12 23, 66	145. 94
4	19	26. 96 23. 48	48. 44 39. 06	35. 75 28. 35	19. 98	17. 41 17. 09	24. 50	172. 20 148. 50
5	20	22. 64	39. 90	30. 25	16.02	14. 47	21. 91	149. 03
5	20	24. 44	42. 84	32. 30	19. 86 19. 08	15. 25	23. 52	157. 43
5 5	20 20	22. 68	40. 25	27. 30	17. 01	14. 50	21. 84	143. 58
5	20	22. 96	39. 13	28. 40	19. 20	14. 28	21. 28	145. 25
5	20	25. 56	40. 46	28. 70	18. 09	16. 87	21. 00	150. 68
5	20	22. 40	37. 31	26. 30	16. 59	14. 58	21. 56	138. 74
5	20	24. 60	38. 92	29, 45	18. 09	17. 54	22. 54	151. 14
5	20	21. 56	37. 59	27. 40	17. 07	16. 63	23. 38	143. 63
. 5	20	21, 20	36. 61	26. 60	16. 50	12. 97	23. 24	137. 12
5	20	20. 68	34. 86	27. 10	17. 94	13.86	23. 24	137. 68
5	20	23. 92	36. 82	26. 30	16. 95	13. 28	23. 24	140. 51
5	20	27. 88	47. 67	34. 70	20. 10	16. 34	24. 64	171. 33
5	20	23. 72	37. 10	26.60	16. 26	14. 43	23. 87	141. 98
5	20	20. 20	35. 07	25. 35	17. 67	13. 74	21. 77	133. 80
5	20	21. 32	38. 29	27. 40	18. 99	17.06	22. 68	145. 74
5	20	27. 36	49.07	35, 30	21. 21	18. 56	23. 24	174. 74
5	20	21. 44	37. 17	28. 25	15, 75	19. 85	22. 54	145. 00
5	20	23. 20	37. 73	27. 90	18.39	15. 50	21. 77	144. 49
. 2	24	26. 32	47. 32	34. 35	19. 05	15. 50	22. 54	165. 08
5	20	24. 60	47. 32	29.80	20. 16	15. 80	20, 30	157. 98
5	20	24. 32	37. 52	27. 80	17. 91	15. 31	24. 78	147. 64
5	20	25. 00	38, 99	27. 95	17. 52	14, 74	21. 42	145. 62
5	20	28. 76	42, 63	36. 35	18. 72	17. 65	22. 68	166. 79
5 5	20	24. 00 27. 16	36. 47	26. 65	19. 02	16. 02	21. 77 22. 68	143. 93
5	20 20	24. 00	38. 43 37. 10	30, 20 32, 20	19. 38 17. 88	15. 04 13. 77	22. 08	152. 89 147. 21
5	20	26, 16	41. 09	30. 45	19. 71	18. 01	22. 20	157. 96
5	20 20	24, 60	46. 48	34. 15	19. 92	18. 47	24. 57	168. 19
5	20	25. 56	42. 42	32. 45	19, 59	16. 47	22. 68	159. 17
5	20	28. 36	49. 35	35. 70	20, 13	17. 67	22. 75	173. 96
5	20	27. 16	42. 00	30. 85	17. 61	16. 17	23. 31	157. 10
5	20	23, 16	38. 15	28. 10	18. 45	17. 27	23. 38	148. 51
4	12	25. 84	42. 98	32. 20	20. 37	17. 17	23. 45	162. 01
5	20	21. 16	36. 54	26. 80	17. 46	15. 07	21. 63	138. 66
5	20	25. 56	41. 30	33. 45	17. 97	13. 80	23. 03	155. 11
5	20	23. 48	38. 57	29. 05	17. 94	14. 66	24. 22	147. 92
5	20	23. 44	41. 44	29. 45	19. 05	14. 18	21. 70	149. 26
4	14	23. 64	35. 91	27. 00	16.92	13. 56	25. 06	142.09
5	20	23. 60	38. 64	27. 40	18. 72	14. 53	23. 17	146.06
5	20	21. 24	35. 42	26, 70	17. 25	13. 85	24. 99	139. 45
5	15	20. 12	35. 35	24. 15	16. 44	13. 16	22. 75	131. 97
5	20	21. 52	34, 72	26. 10	17.85	13. 65	22. 47	136, 31
5	20	23. 68	37.31	27. 70	17. 52	14. 92	23. 10	144, 23

Order				Age at adm	t date of dission
of general merit for aca- demic year	. Names	State from which appointed	Date of admission	Years	Months
254	Shook, Loring Oswald	Pennsylvania	July 3, 1923	18	2
588	Simpson, Jimmie Rupert	California	Sept. 10, 1923	20	0
r495	Sipe, Harold Frederick	Indiana	July 19, 1923	19	1
469	Skelly, Charles Joseph	California	Aug. 7, 1923	18 17	4
34 336	Slayden, John Walter Smiley, William Horace, jr	Tennessee	July 5, 1923 July 6, 1923	18	11 2
134	Smith, Allen	California	July 10, 1923	19	1
344	Smith, George Michael Bruno	Illinois	July 5, 1923	18	7
405	Smith, Marshall Lawrence	California	Aug. 15, 1923	18	2
577	Smith, Randolph Monroe	Mississippi	July 3, 1923	18	2
130	Smith, Richard Wilder	New York	Aug. 6, 1923	19	10
352	Smith, Robert Seguine	Michigan	July 10, 1923	17	1
113	Smyth, John Borden	New Jersey	June 27, 1922	17	1
*2	Snyder, Philip Wolcott	New Hampshire	July 2, 1923 July 23, 1923	17 18	1 3
358 494	Southwick, Edward Page	Massachusetts	July 6, 1923	19	9
g408	Sparklin, James Donald	Delaware	July 2, 1923	18	4
171	Specht, William Carl	Idaho	July 9, 1923	20	1
355	Speck, Robert Hursey	South Dakota	Aug. 15, 1923	16	9
- h606	Spilker, James Julius	Missouri	Aug. 27, 1923	19	11
519	Stallings, George Bennett Haywood	North Carolina	July 9, 1923	19	9
142	Stanley, Henry Brian	Hawaii	July 2, 1923	18	7
576	Stansbury, Theodore Roosevelt	Kentucky	July 5, 1923	19	3
499	Starkus, Charles Joseph	Massachusetts	July 20, 1923	20	3
1201/2		Maryland	Aug. 28, 1923	18	0
*188 *26	Sterling, Donald MelvinStevens, Ralph Lloyd	South Dakota	July 9, 1923 Sept. 7, 1923	18	10 10
447	Stewart, William Henry, jr	Massachusetts	June 21, 1922	19	7
57	Stillman, Carl Frederic	Minnesota	July 9, 1923	16	6
446	Stinson, Peery Lamar	Arkansas	July 2, 1923	17	2
189	Stofflet, Jere Howard	Pennsylvania	July 20, 1923	18	11
h625	Stokes, Phillip Gaines	Mississippi	July 25, 1923	18	1
217	Stone, Martin Robert	Ohio	July 6, 1923	17	10
i628	Stryker, Maurice Cline	Texas	Sept. 4, 1923	19	6
251	Stukey, Wayne Thomsen	Nebraska	Sept. 6, 1923	19	10
154 247	Sullivan, Emmett John Sullivan, George David	Colorado New York	July 10, 1923 July 9, 1923	19	9
55	Sutherland, Alan Berkeley, jr	do	July 2, 1923	17	11
544	Sutherland, William Alexander, jr	New Mexico		17	5
152	Swearingen, Earl Kendall	Missouri	July 10, 1923	18	1
464	Symes, Robert Thomas	New York	,	19	6
351	Tague, Philip Aloysius, jr			17	11
136	Tallman, Harold Lamont	Illinois		19	6
470 515	Tankard, Philip Barraud			20 18	1 4
193	Taylor, Arthur Howard Taylor, Howard William	Louisiana		19	1
287	Taylor, Joe		July 10, 1923	17	0
221	Teall, Edward Nelson, jr	Massachusetts		17	7
505	Thach, John Smith			18	3
107	Thorpe, Harlan Martin	South Dakota	July 16, 1923	17	8
409	Tinter, John Frank			20	2
*31	Tolson, David Watkins			19	0
605	Tomb, James Harvey, jr			18	2
*19 511	Tooke, Charles Merriam Tortorich, Herbert Theodore			17	1 6

second year of their adademic course—644 members—June, 1925—Continued

Months	Aptitude for the service	Aggregate second year
5 20 22.28 39.69 31.10 18.87 17.99 5 20 22.28 39.69 31.10 18.87 17.99 5 20 22.36 36.26 27.25 17.49 15.30 5 20 23.00 37.31 27.35 17.40 13.82 5 20 22.48 38.43 28.90 17.97 16.06 5 20 22.44 43.40 31.65 18.60 16.55 5 20 24.64 37.24 28.00 18.72 14.76 5 20 24.64 37.24 28.00 18.72 14.76 5 20 22.68 37.80 26.80 18.72 14.79 5 20 22.60 37.80 28.80 18.72 14.79 5 20 22.60 37.80 28.80 18.72 14.79 5 20 22.60 32.78 33.50 18.72		
5 20 24.08 35.28 26.05 16.29 13.86 5 20 22.36 36.26 27.25 17.49 15.30 5 20 22.16 45.78 33.20 19.59 17.68 5 20 23.48 38.43 22.89 17.97 16.06 5 20 23.48 38.43 22.89 17.97 16.06 5 20 23.32 38.08 27.90 18.99 15.33 5 20 22.46 37.80 28.60 18.72 14.76 5 20 22.60 37.80 28.80 18.72 14.79 5 20 22.60 37.80 28.01 18.91 11.15.37 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.32 53.55 37.70 21.54 18.81 5 20 22.32 53.55 37.70 21.54 <th>28</th> <th>200</th>	28	200
5 20 22.36 36.26 27.25 17.49 15.30 5 20 23.16 45.78 33.20 19.59 17.68 5 20 23.48 38.43 28.90 17.97 16.06 5 20 24.40 43.40 31.65 18.60 16.55 5 20 23.32 38.08 27.90 18.99 15.33 5 20 24.64 37.24 28.60 18.72 14.76 5 20 22.64 37.80 26.80 18.72 14.76 5 20 26.08 42.98 33.50 18.72 14.79 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.04 39.48 27.60 19.11 15.37 5 20 23.52 42.49 34.40 18.80 15.23 5 20 24.16 39.55 28.75 17.19	22. 26	152, 19
5 20 23.00 37.31 27.35 17.40 13.82 5 20 29.16 45.78 33.20 19.59 17.68 5 20 23.48 38.43 28.90 17.97 16.06 5 20 24.40 43.40 31.65 18.60 16.55 5 20 24.64 37.24 28.60 18.72 14.76 5 20 24.64 37.24 28.60 18.72 14.76 5 20 22.04 39.48 27.60 19.11 15.33 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.41 33.55 28.75 17.19 15.41 5 20 22.40 36.96 26.15 17.19	21. 84	137. 40
5 20 29. 16 45. 78 33. 20 19. 59 17. 68 5 20 24. 40 43. 40 31. 65 18. 60 16. 65 5 20 24. 44 37. 24 28. 60 18. 72 14. 76 5 20 24. 64 37. 24 28. 60 18. 72 14. 76 5 20 21. 60 37. 80 26. 80 16. 95 18. 97 5 20 22. 04 39. 48 27. 60 19. 11 15. 37 5 20 22. 04 39. 48 27. 60 19. 11 15. 37 5 20 22. 24 34. 40 18. 90 16. 23 5 20 22. 41 39. 55 28. 75 17. 19 16. 93 5 20 22. 40 38. 96 26. 15 17. 19 16. 93 2 24 24. 00 39. 06 27. 55 18. 03 14. 32 2 15 23. 20 40. 32 28	23. 38	142. 04
5 20 23.48 38.43 28.90 17.97 16.06 5 20 24.40 43.40 31.65 18.60 16.55 5 20 24.64 37.24 28.60 18.72 14.76 5 20 22.08 37.80 26.80 18.72 14.76 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.44 34.40 18.90 15.23 5 20 28.32 53.55 37.70 21.54 18.81 5 20 24.16 39.55 28.75 17.19 15.41 5 20 24.0 36.96 26.15 17.19 15.41 5 20 22.40 36.96 26.15 17.19 15.41 5 20 22.40 30.96 26.15 17.19 15.41	24. 29	143. 17
5 20 24. 40 43. 40 31. 65 18. 60 16. 55 5 20 23. 32 38. 08 27. 90 18. 72 14. 76 5 20 21. 60 37. 80 28. 60 18. 72 14. 76 5 20 22. 04 38. 48 27. 60 19. 11 15. 37 5 20 22. 04 39. 48 27. 60 19. 11 15. 37 5 20 22. 83. 2 53. 55 37. 70 21. 54 18. 81 5 20 24. 16 39. 55 28. 75 17. 19 15. 93 2 24. 16 39. 55 28. 15 17. 19 15. 93 2 24. 24. 00 39. 06 27. 55 18. 03 14. 32 2 24. 24. 00 39. 06 27. 55 18. 66 17. 39 5 20 22. 40 30. 40 27. 55 18. 66 17. 39 4 25. 5 20. 40 32. 20 40. 32	23. 73	169. 14
5 20 23.32 38.08 27.90 18.99 15.33 5 20 24.64 37.24 28.60 18.72 14.76 5 20 26.08 42.98 33.50 18.72 14.79 5 20 26.08 42.98 33.50 18.72 14.79 5 20 22.04 39.48 27.60 19.11 15.37 5 20 22.83 25.35.5 37.70 21.54 18.81 5 20 24.16 39.55 28.75 17.19 15.41 5 20 24.00 39.06 27.55 18.03 14.32 2 24 24.00 39.06 27.55 18.03 14.32 2 15 23.60 41.44 30.70 18.66 17.39 5 9 21.64 37.24 25.30 15.03 14.82 5 20 22.84 38.64 26.85 16.14	23. 10 24. 36	147. 94 158. 96
5 20 24. 64 37. 24 28. 60 18. 72 14. 76 5 20 21. 60 37. 80 26. 80 16. 95 13. 97 5 20 22. 04 39. 48 27. 60 19. 11 15. 37 5 20 22. 04 39. 48 27. 60 19. 11 15. 37 5 20 28. 32 53. 55 37. 70 21. 54 18. 81 5 20 24. 16 39. 55 28. 75 17. 19 15. 41 5 20 22. 40 36. 96 26. 15 17. 19 15. 41 5 20 22. 40 39. 96 26. 15 17. 19 15. 41 5 20 22. 40 39. 96 26. 15 17. 19 15. 41 5 20 22. 40 30. 22 81. 10 18. 66 17. 39 5 20 22. 40 32. 28. 10 18. 69 14. 67 5 20 22. 84 38. 64 <t< td=""><td>24. 15</td><td>147, 77</td></t<>	24. 15	147, 77
5 20 21. 60 37. 80 26. 80 16. 95 13. 97 5 20 26. 08 42. 98 33. 50 18. 72 14. 79 5 20 22. 04 39. 48 27. 60 19. 11 15. 37 5 5 26. 92 42. 49 34. 40 18. 90 15. 23 5 20 28. 32 53. 55 37. 70 21. 54 18. 81 5 20 24. 16 39. 55 28. 75 17. 19 15. 41 5 20 22. 40 36. 96 26. 15 17. 19 15. 93 2 24 24. 00 39. 06 27. 55 18. 03 14. 32 2 15 23. 60 41. 44 30. 70 18. 66 17. 39 5 20 22. 84 38. 64 26. 85 16. 14 14. 10 4 25 25. 76 43. 89 30. 40 18. 27 17. 33 5 20 22. 80 36.	21. 28	145. 24
5 20 22.04 39.48 27.60 19.11 15.37 5 5 26.92 42.49 34.40 18.90 15.23 5 20 28.32 53.55 37.70 21.54 18.81 5 20 24.16 39.55 28.75 17.19 15.93 2 24 24.00 39.06 27.55 18.03 14.32 2 15 23.60 41.44 30.70 18.66 17.39 5 20 23.20 40.32 28.10 18.69 14.67 5 9 21.64 37.24 25.30 15.03 14.82 4 25.576 43.89 30.40 18.27 17.33 14.82 5 20 22.80 36.47 26.70 16.41 16.26 5 20 22.80 36.47 26.70 16.41 16.26 5 20 25.40 46.69 32.20 17.55	20. 93	138. 05
5 26.92 42.49 34.40 18.90 15.23 5 20 28.32 53.55 37.70 21.54 18.81 5 20 24.16 39.55 28.75 17.19 15.41 5 20 22.40 36.96 26.15 17.19 15.93 2 24 24.00 39.06 27.55 18.03 14.32 2 24 24.00 39.06 27.55 18.03 14.32 2 15 23.20 40.32 28.10 18.69 14.67 5 20 22.84 38.64 26.85 16.14 14.10 4 25 25.76 43.89 30.40 18.27 17.33 5 20 22.84 38.64 26.55 16.56 14.37 5 20 22.80 36.47 26.70 16.41 16.26 5 20 25.80 39.55 32.40 19.99 17.55 <td>23. 31</td> <td>159. 38</td>	23. 31	159. 38
5 20 28.32 53.55 37.70 21.54 18.81 5 20 24.16 39.55 28.75 17.19 15.41 5 20 22.40 36.96 26.15 17.19 15.93 2 24 24.00 39.96 27.55 18.03 14.32 2 15 23.60 41.44 30.70 18.66 17.39 5 20 23.20 40.32 28.10 18.69 14.67 5 9 21.64 37.24 25.30 15.03 14.82 5 20 22.84 38.64 26.55 16.14 14.10 4 25 25.76 43.89 30.40 18.27 17.33 5 20 21.88 36.82 26.55 16.56 14.37 5 20 25.40 46.69 32.20 17.55 15.21 5 20 26.32 49.07 34.50 19.95	23. 66	147. 26
5 20 24.16 39.55 28.75 17.19 15.41 5 20 22.40 36.96 26.15 17.19 15.93 2 24 24.00 39.06 27.55 18.03 14.32 2 15 23.60 41.44 30.70 18.66 17.39 5 20 23.20 40.32 28.10 18.69 14.67 5 9 21.64 37.24 25.30 15.03 14.82 5 20 22.84 38.64 26.85 16.14 14.10 4 25 25.76 43.89 30.40 18.27 17.33 5 20 21.88 36.82 26.55 16.54 14.37 5 20 22.80 36.47 26.70 16.41 16.26 5 20 25.80 39.55 32.40 19.89 14.99 5 20 26.32 49.07 34.50 19.95	22. 82	160. 76
5 20 22.40 36.96 26.15 17.19 15.93 2 24 24.00 39.06 27.55 18.03 14.32 2 15 23.60 41.44 30.70 18.66 17.39 5 20 23.20 40.32 28.10 18.69 14.67 5 9 21.64 37.24 25.30 15.03 14.82 5 20 22.84 38.64 26.85 16.14 14.10 4 25 25.76 43.89 30.40 18.27 17.33 5 20 21.88 36.82 26.55 16.41 14.10 4 25 20 22.80 36.47 26.70 16.41 16.26 5 20 25.80 39.55 32.40 19.89 14.99 5 20 25.80 39.55 32.40 19.89 14.99 5 20 25.80 39.13 29.90	23. 66	183. 58
2 24 24.00 39.06 27.55 18.03 14.32 2 15 23.60 41.44 30.70 18.66 17.39 5 20 23.20 40.32 28.10 18.69 14.67 5 9 21.64 37.24 25.30 15.03 14.82 5 20 22.84 38.64 26.85 16.14 14.10 4 25 25.76 43.89 30.40 18.27 17.33 5 20 21.88 36.82 26.55 16.56 14.37 5 20 25.40 46.69 32.20 17.55 15.21 5 20 25.80 39.55 32.40 19.89 14.99 5 20 26.32 49.07 34.50 19.95 17.56 2 21 23.12 40.25 27.16 16.65 14.85 5 20 23.20 39.13 29.90 16.92	22, 05	147. 11
2 15 23.60 41.44 30.70 18.66 17.39 5 20 23.20 40.32 28.10 18.69 14.67 5 9 21.64 37.24 25.30 15.03 14.82 5 20 22.84 38.64 26.85 16.14 14.10 4 25 25.76 43.89 30.40 18.27 17.33 5 20 22.80 36.47 26.70 16.41 16.26 5 20 25.80 36.47 26.70 16.41 16.26 5 20 25.80 39.55 32.40 19.89 14.99 5 20 25.80 39.55 32.40 19.95 17.56 2 21 23.12 40.25 27.15 16.65 14.85 5 20 25.40 44.87 33.40 20.04 17.51 15.60 5 20 24.20 42.14 29.75	23. 45 22. 19	142. 08 145. 15
5 20 23. 20 40. 32 28. 10 18. 69 14. 67 5 9 21. 64 37. 24 25. 30 15. 03 14. 82 5 20 22. 84 38. 64 26. 85 16. 14 14. 10 4 25 25. 76 43. 89 30. 40 18. 27 17. 33 5 20 21. 88 36. 82 26. 55 16. 56 14. 37 5 20 22. 80 36. 47 26. 70 16. 41 16. 26 5 20 25. 40 46. 69 32. 20 17. 55 15. 21 5 20 25. 80 39. 55 32. 40 19. 99 14. 99 5 20 26. 32 49. 07 34. 50 19. 95 17. 56 2 21 23. 12 40. 25 27. 15 16. 65 14. 85 5 20 25. 40 44. 87 33. 40 20. 04 17. 51 5 20 24. 20 42.	24. 85	156. 64
5 9 21.64 37.24 25.30 15.03 14.82 5 20 22.84 38.64 26.85 16.14 14.10 4 25 25.76 43.89 30.40 18.27 17.33 5 20 21.88 36.82 26.55 16.56 14.37 5 20 25.40 46.69 32.20 17.55 15.21 5 20 25.80 39.55 32.40 19.89 14.99 5 20 25.80 39.55 32.40 19.89 14.99 5 20 25.80 39.55 32.40 19.89 14.99 5 20 26.32 49.07 34.50 19.95 17.56 2 21 23.12 40.25 27.15 16.65 14.85 5 20 25.40 44.87 33.40 20.04 17.51 5 20 23.20 39.13 29.90 16.92	22. 19	147. 17
5 20 22,84 38,64 26,85 16,14 14,10 4 25 25,76 43,89 30,40 18,27 17,33 5 20 21,88 36,82 26,55 16,56 14,37 5 20 22,80 36,47 26,70 16,41 16,26 5 20 25,80 39,55 32,20 17,55 15,21 5 20 25,80 39,55 32,40 19,89 14,99 5 20 26,32 49,07 34,50 19,95 17,56 2 21 23,12 40,25 27,15 16,65 14,85 5 20 23,20 39,13 29,90 16,92 14,31 5 20 24,20 42,14 29,75 20,22 16,65 5 20 20,88 34,09 26,15 17,25 13,95 5 20 24,48 39,76 31,90 19,20	22. 40	136. 43
5 20 21.88 36.82 26.55 16.56 14.37 5 20 22.80 36.47 26.70 16.41 16.26 5 20 25.40 46.69 32.20 17.55 15.21 5 20 25.80 39.55 32.40 19.89 14.99 5 20 26.32 49.07 34.50 19.95 17.56 2 21 23.12 40.25 27.15 16.65 14.85 5 20 25.40 44.87 33.40 20.04 17.51 5 20 23.20 39.13 29.90 16.92 14.31 5 20 24.20 42.14 29.75 20.22 16.65 5 20 24.48 39.76 31.90 19.20 16.83 2 24 21.68 34.65 24.35 17.91 13.69 5 20 24.16 40.11 31.30 16.35	22. 61	141. 18
5 20 22.80 36.47 26.70 16.41 16.26 5 20 25.40 46.69 32.20 17.55 15.21 5 20 25.80 39.55 32.40 19.89 14.99 5 20 26.32 49.07 34.50 19.95 17.56 2 21 23.12 40.25 27.15 16.65 14.85 5 20 25.40 44.87 33.40 20.04 17.51 5 20 23.20 39.13 29.90 16.92 14.31 5 20 24.20 42.14 29.75 20.22 16.65 5 20 24.83 34.09 26.15 17.25 13.95 5 20 24.48 39.76 31.90 19.20 16.83 2 24 21.68 34.65 24.35 17.91 13.69 5 20 24.16 40.11 31.30 16.35	22.75	158. 40
5 20 25.40 46.69 32.20 17.55 15.21 5 20 25.80 39.55 32.40 19.89 14.99 5 20 26.32 49.07 34.50 19.95 17.56 2 21 23.12 40.25 27.15 16.65 14.85 5 20 25.40 44.87 33.40 20.04 17.51 5 20 23.20 39.13 29.90 16.92 14.31 5 20 24.20 42.14 29.75 20.22 16.68 5 20 20.88 34.09 26.15 17.25 13.95 5 20 24.48 39.76 31.90 19.20 16.83 2 24 21.68 34.65 24.35 17.91 13.69 5 20 24.16 40.11 31.30 16.35 17.45 5 20 22.72 44.24 31.70 18.36	21. 91	138. 09
5 20 25. 80 39. 55 32. 40 19. 89 14. 99 5 20 26. 32 49. 07 34. 50 19. 95 17. 56 2 21 23. 12 40. 25 27. 15 16. 65 14. 85 5 20 25. 40 44. 87 33. 40 20. 04 17. 51 5 20 23. 20 39. 13 29. 90 16. 92 14. 31 5 20 24. 20 42. 14 29. 75 20. 22 16. 65 5 20 20. 88 34. 09 26. 15 17. 25 13. 95 5 20 24. 48 39. 76 31. 90 19. 20 16. 83 2 24 21. 68 34. 65 24. 35 17. 91 13. 69 5 20 24. 16 40. 11 31. 30 16. 35 17. 45 5 20 22. 72 44. 24 31. 70 18. 36 16. 23 5 3 24. 20 41.	23. 31	141.95
5 20 26. 32 49. 07 34. 50 19. 95 17. 56 2 21 23. 12 40. 25 27. 16 16. 65 14. 85 5 20 25. 40 44. 87 33. 40 20. 04 17. 51 5 20 23. 20 39. 13 29. 90 16. 92 14. 31 5 20 24. 20 42. 14 29. 75 20. 22 16. 65 5 20 24. 83 39. 76 31. 90 19. 20 16. 83 2 24 21. 68 34. 65 24. 35 17. 91 13. 69 5 20 24. 16 40. 11 31. 30 16. 35 17. 45 5 20 24. 16 40. 11 31. 30 16. 35 17. 41 5 20 22. 72 44. 24 31. 70 18. 36 16. 23 5 3 24. 20 41. 86 30. 60 18. 21 14. 14 5 20 28. 60 45.	23. 17	160. 22
2 21 23. 12 40. 25 27. 15 16. 65 14. 85 5 20 25. 40 44. 87 33. 40 20. 04 17. 51 5 20 23. 20 39. 13 29. 90 16. 92 14. 31 5 20. 24. 20 42. 14 29. 75 20. 22 16. 65 5 20 20. 88 34. 09 26. 15 17. 25 13. 95 5 20 24. 48 39. 76 31. 90 19. 20 16. 83 2 2 4 21. 68 34. 65 24. 35 17. 91 13. 69 5 20 24. 16 40. 11 31. 30 16. 35 17. 45 5 20 22. 72 44. 24 31. 70 18. 36 16. 23 5 3 24. 20 41. 86 30. 60 18. 21 14. 14 5 5 20 28. 60 45. 36 32. 70 19. 77 14. 54 5 20 26. 56 40. 67 31. 25 19. 02 16. 71 8 11 24. 96 36. 96 27. 35 18. 12 14. 19 5 20 26. 64 40. 67 31. 25 19. 02 16. 71 8 18 5 20 22. 64 37. 45 27. 35 18. 12 14. 19 5 20 26. 84 41. 65 30. 75 20. 40 16. 02 5 20 22. 68 38. 15 27. 95 16. 56 14. 86 5 20 22. 68 38. 15 27. 95 16. 56 14. 86 5 20 22. 68 38. 15 27. 95 16. 56 14. 86 5 20 22. 68 40. 81 31. 35 20. 76 17. 97 5 20 22. 84 40. 81 31. 35 20. 76 17. 97 5 20 22. 84 40. 81 31. 35 20. 76 17. 97 5 20 22. 46 40. 53 31. 05 18. 72 18. 22 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 89 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 20. 70 17. 32	23. 38	156. 01
5 20 25. 40 44. 87 33. 40 20. 04 17. 51 5 20 23. 20 39. 13 29. 90 16. 92 14. 31 5 20 24. 20 42. 14 29. 75 20. 22 16. 65 5 20 20. 88 34. 09 26. 15 17. 25 13. 95 5 20 24. 48 39. 76 31. 90 19. 20 16. 83 2 24 21. 68 34. 65 24. 35 17. 91 13. 69 5 20 24. 16 40. 11 31. 30 16. 35 17. 45 5 20 22. 72 44. 24 31. 70 18. 36 16. 23 5 20 22. 80 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 35. 07 25. 60 16. 98 16. 30 5 20 26. 56 40. 67 31. 25 19. 02 16. 71 8 11 24. 96 36	24. 01 21. 84	171, 41 143, 86
5 20 23. 20 39. 13 29. 90 16. 92 14. 31 5 20 24. 20 42. 14 29. 75 20. 22 16. 65 5 20 20. 88 34. 09 26. 15 17. 25 13. 95 5 20 24. 48 39. 76 31. 90 19. 20 16. 83 2 24 21. 68 34. 65 24. 35 17. 91 13. 69 5 20 24. 16 40. 11 31. 30 16. 35 17. 45 5 20 22. 72 44. 24 31. 70 18. 36 16. 23 5 20 22. 80 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 45. 36 32. 70 19. 77 14. 54 5 20 26. 56 40	24. 57	165. 79
5 20 24. 20 42. 14 29. 75 20. 22 16. 65 5 20 20. 88 34. 09 26. 15 17. 25 13. 95 5 20 24. 48 39. 76 31. 90 19. 20 16. 88 2 24 21. 68 34. 65 24. 35 17. 91 13. 69 5 20 24. 16 40. 11 31. 30 16. 35 17. 45 5 20 22. 72 44. 24 31. 70 18. 36 16. 23 5 3 24. 20 41. 86 30. 60 18. 21 14. 14 5 20 28. 60 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 35. 07 25. 60 16. 98 16. 30 5 20 22. 80 36. 96 27. 35 18. 12 14. 19 5 20 22. 64 37. 45 27. 35 18. 57 18. 18 5 20 22. 68 38.	20. 44	143. 90
5 20 24.48 39.76 31.90 19.20 16.83 2 24 21.68 34.65 24.35 17.91 13.69 5 20 24.16 40.11 31.30 16.35 17.45 5 20 22.72 44.24 31.70 18.36 16.23 5 3 24.20 41.86 30.60 18.21 14.14 5 20 28.60 45.36 32.70 19.77 14.54 5 20 22.80 35.07 25.60 16.98 16.30 5 20 26.56 40.67 31.25 19.02 16.71 8 11 24.96 36.96 27.35 18.12 14.19 5 20 22.64 37.45 27.35 18.57 18.18 5 20 26.84 41.65 30.75 20.40 16.02 5 20 22.68 38.15 27.95 16.56	23. 03	155, 99
2 24 21. 68 34. 65 24. 35 17. 91 13. 69 5 20 24. 16 40. 11 31. 30 16. 35 17. 45 5 20 22. 72 44. 24 31. 70 18. 36 16. 23 5 3 24. 20 41. 86 30. 60 18. 21 14. 14 5 20 28. 60 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 35. 07 25. 60 16. 98 16. 30 5 20 26. 56 40. 67 31. 25 19. 02 16. 71 8 11 24. 96 36. 96 27. 35 18. 12 14. 19 5 20 22. 64 37. 45 27. 35 18. 57 18. 18 5 20 26. 84 41. 65 30. 75 20. 40 16. 02 5 20 22. 68 38. 15 27. 95 16. 56 14. 86 5 20 22. 84 40.	21.63	133. 95
5 20 24.16 40.11 31.30 16.35 17.45 5 20 22.72 44.24 31.70 18.36 16.23 5 3 24.20 41.86 30.60 18.21 14.14 5 20 28.60 45.36 32.70 19.77 14.54 5 20 22.80 35.07 25.60 16.98 16.30 5 20 26.56 40.67 31.25 19.02 16.71 8 11 24.96 36.96 27.35 18.12 14.19 5 20 22.64 37.45 27.35 18.57 18.18 5 20 26.84 41.65 30.75 20.40 16.02 5 20 22.68 35.77 28.60 18.54 15.04 5 20 22.84 40.81 31.35 20.76 17.97 5 20 22.84 40.81 31.35 20.76	22.40	154. 57
5 20 22.72 44.24 31.70 18.36 16.23 5 3 24.20 41.86 30.60 18.21 14.14 5 20 28.60 45.36 32.70 19.77 14.54 5 20 22.80 35.07 25.60 16.98 16.30 5 20 26.56 40.67 31.25 19.02 16.71 8 11 24.96 36.96 27.35 18.12 14.19 5 20 22.64 37.45 27.35 18.57 18.18 5 20 22.68 38.15 27.95 16.56 14.86 5 20 22.68 38.15 27.95 16.56 14.86 5 20 22.68 35.77 28.60 18.54 15.04 5 20 22.84 40.81 31.35 20.76 17.97 5 20 26.44 37.94 29.20 17.61	20. 58	132, 86
5 3 24. 20 41. 86 30. 60 18. 21 14. 14 5 20 28. 60 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 35. 07 25. 60 16. 98 16. 30 5 20 26. 56 40. 67 31. 25 19. 02 16. 71 8 11 24. 96 36. 96 27. 35 18. 12 14. 19 5 20 22. 64 37. 45 27. 35 18. 57 18. 18 5 20 26. 84 41. 65 30. 75 20. 40 16. 02 5 20 22. 68 38. 15 27. 95 16. 56 14. 86 5 20 21. 68 35. 77 28. 60 18. 54 15. 04 5 20 22. 84 40. 81 31. 35 20. 76 17. 97 5 20 26. 44 37. 94 29. 20 17. 61 16. 35 5 20 24. 64 40.	22. 96	152. 33
5 20 28. 60 45. 36 32. 70 19. 77 14. 54 5 20 22. 80 35. 07 25. 60 16. 98 16. 30 5 20 26. 56 40. 67 31. 25 19. 02 16. 71 8 11 24. 96 36. 96 27. 35 18. 12 14. 19 5 20 22. 64 37. 45 27. 35 18. 57 18. 15 5 20 26. 84 41. 65 30. 75 20. 40 16. 02 5 20 22. 68 35. 77 28. 60 18. 54 15. 04 5 20 21. 68 35. 77 28. 60 18. 54 15. 04 5 20 22. 84 40. 81 31. 35 20. 76 17. 97 5 20 26. 44 37. 94 29. 20 17. 61 16. 53 5 20 24. 64 40. 53 31. 05 18. 72 18. 22 5 20 24. 64 40	24. 29	157. 54
5 20 22.80 35.07 25.60 16.98 16.30 5 20 26.56 40.67 31.25 19.02 16.71 8 11 24.96 36.96 27.35 18.12 14.19 5 20 22.64 37.45 27.35 18.57 18.18 5 20 26.84 41.65 30.75 20.40 16.02 5 20 22.68 38.15 27.95 16.56 14.86 5 20 21.68 35.77 28.60 18.54 15.04 5 20 22.84 40.81 31.35 20.76 17.97 5 20 26.44 37.94 29.20 17.61 16.35 5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70	23. 52 24. 99	152, 53 165, 96
5 20 26. 56 40. 67 31. 25 19. 02 16. 71 8 11 24. 96 36. 96 27. 35 18. 12 14. 19 5 20 22. 64 37. 45 27. 35 18. 57 18. 18 5 20 26. 84 41. 65 30. 75 20. 40 16. 02 5 20 22. 68 38. 15 27. 95 16. 56 14. 86 5 20 22. 84 35. 77 28. 60 18. 54 15. 04 5 20 22. 84 40. 81 31. 35 20. 76 17. 97 5 20 26. 44 37. 94 29. 20 17. 61 16. 35 5 20 24. 64 40. 53 31. 05 18. 72 18. 22 5 20 22. 48 36. 96 28. 10 16. 98 14. 77 5 20 26. 92 40. 95 32. 05 20. 70 17. 32	22, 89	139. 64
8 11 24.96 36.96 27.35 18.12 14.19 5 20 22.64 37.45 27.35 18.57 18.18 5 20 26.84 41.65 30.75 20.40 16.02 5 20 22.68 38.15 27.95 16.56 14.86 5 20 21.68 35.77 28.60 18.54 15.04 5 20 22.84 40.81 31.35 20.76 17.97 5 20 26.44 37.94 29.20 17.61 16.35 5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	23, 52	157. 73
5 20 26.84 41.65 30.75 20.40 16.02 5 20 22.68 38.15 27.95 16.56 14.86 5 20 21.68 35.77 28.60 18.54 15.04 5 20 22.84 40.81 31.35 20.76 17.97 5 20 26.44 37.94 29.20 17.61 16.35 5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	21. 70	143. 28
5 20 22.68 38.15 27.95 16.56 14.86 5 20 21.68 35.77 28.60 18.54 15.04 5 20 22.84 40.81 31.35 20.76 17.97 5 20 26.44 37.94 29.20 17.61 16.35 5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	23. 17	147. 36
5 20 21.68 35.77 28.60 18.54 15.04 5 20 22.84 40.81 31.35 20.76 17.97 5 20 26.44 37.94 29.20 17.61 16.35 5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	23. 24	158. 90
5 20 22.84 40.81 31.35 20.76 17.97 5 20 26.44 37.94 29.20 17.61 16.35 5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	22, 96	143. 16
5 20 26.44 37.94 29.20 17.61 16.35 5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	21. 63	141. 26
5 20 24.64 40.53 31.05 18.72 18.22 5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	21. 84	155. 57
5 20 22.48 36.96 28.10 16.98 14.77 5 20 26.92 40.95 32.05 20.70 17.32	22. 61 21. 07	150. 15 154. 23
5 20 26.92 40.95 32.05 20.70 17.32	22. 54	141. 83
	23. 17	161, 11
5 20 21. 36 39. 27 26. 95 18. 09 16. 75	22. 61	145. 03
5 9 27. 44 48. 09 34. 05 21. 33 17. 97	21. 70	170. 58
5 20 21. 08 34. 44 25. 75 17. 73 14. 30	23.38	136. 68
5 20 27. 00 50. 54 35. 65 19. 32 17. 84	22. 68	173. 03
5 20 21. 12 40. 53 26. 75 15. 75 15. 63 20 22. 76 36. 82 27. 95 15. 31 15. 84	21. 63 21. 42	141. 41 140. 10

Order					t date of dission
of general merit for aca- demic year	Names	State from which appointed	Date of admission	Years	Months
307	Trafton, Spalding, jr	Kentucky	June 17, 1922	16	5
41	Traua, Harold Francis	New Jersey	Aug. 1, 1923	17	3
450	Truslow, Alfred Russell, jr	Georgia	Sept. 4, 1923	19	0
115 258	Tuggle, George Bushnell	Idaho Pennsylvania	July 17, 1923	17 16	11
626	Turner, Frank Underwood, John Alexander	Texas	Aug. 27, 1923 July 10, 1923	18	10 1
134	van Doorn, Willem	Netherlands	July 5, 1923	19	1
406	Van Mater, Blinn	Indiana	July 6, 1923	18	9
39	Van Sickle, Edwin Rutherford	Wyoming	July 20, 1923	20	3
445	Virden, Frank	Mississippi	Sept. 4, 1923	18	7
160	Voedisch, Frederic William	South Dakota	July 6, 1923	20	0
*18 550	Wagner, Richard	Ohio	July 5, 1923	18	6
550 557	Wakeman, Calvin Edson	New York Pennsylvania	June 20, 1922 July 6, 1922	18 20	0
r457	Walker, Norman Eugene	Washington	July 10, 1923	18	11
1711/2	Wall, Hubert Gordon	Massachusetts	July 5, 1923	19	9
332	Walsh, David John	Connecticut	Aug. 9, 1923	18	3
73	Wanselow, Van Leo	Wisconsin	July 20, 1923	18	10
69	Ward, Harry James	Kansas	July 2, 1923	19	7
196	Warren, Harry Lee	Louisiana	Sept. 24, 1923	19	1
334	Waterman, John Randolph	do	July 20, 1923	18	2
420	Way, Julius Frederick	Massachusetts	July 11, 1923 July 3, 1923	19 20	1 0
581 185	Weigle, Claude Lee Weintraub, Daniel Jacob	California Kentucky	July 3, 1923 Aug. 8, 1923	19	7
259	Wells, Peter Katz	Utah	Aug. 17, 1923	18	5
286	Wev, Bosquet Neill	Virginia	June 17, 1922	18	7
449	Wheat, Jack Orville	Oklahoma	July 3, 1923	18	6
252	White, David Charles	Michigan	July 2, 1923	19	8
373	White, Edwin Herman	Vermont	July 18, 1923	19	1
116	White, John Wilfred		July 2,1923	18	0
456	Whitman, Paul W	Colorado	Sept. 4, 1923	19	10
543 76	Wickhorst, Frank Henry Wickman, Clifford Lorraine	Illinois North Dakota	Aug. 13, 1923 July 28, 1923	18 19	5 8
64	Wight, Roy Ryan	Oklahoma	Sept. 5, 1923	19	7
483	Wilgus, Austin Stanley	Delaware	Sept. 4, 1923	17	8
566	Wilkinson, Richard Powers, jr	Pennsylvania	July 3, 1923	18	6
621	Willcox, George Washington	Kentucky	July 10, 1923	18	3
520	Williamson, Charles Alexander	West Virginia	do	18	2
95	Williamson, Delbert Fred	Colorado	Aug. 23, 1923	19	3
371	Willis, James Sturgis	West Virginia	July 10, 1923	16	8
240 341	Winn, Walter Coulter	Arkansas Louisiana	Aug. 15, 1923 July 17, 1923	18 17	0 2
137	Winters, Robert Chalmers	New York	July 3, 1923	17	9
361	Woelfel, John Carl	Indiana	July 5, 1923	18	5
580	Yeager, Howard Austin	Kansas	July 16, 1923	17	10
$128\frac{1}{2}$	Young, David Bryan	Missouri	July 5, 1923	20	2
110	Zahm, John Crawford	At large	July 6, 1923	17	3
311	Zemmer, Harold Maurice	Kansas	July 3, 1923	19	6
273½	Zern, Richard Dewey	Illinois	Aug. 1, 1923	18	7
*10 49	Zitzewitz, Herbert Carl Zollars, Allen Marshall		July 10, 1923	17 17	7 9
229	Zondorak, Charles Joseph		July 12, 1923 July 3, 1923	17	5
223	Zondorak, Charles vosephi		oury 5, 1925	19	3

second year of their academic course-644 members-June, 1925-Continued

Sea service in practice ships		Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregat second year
1					Maximum	'		:
Months	Days	32	56	40	24	20	28	200
5	17	22. 52	40. 11	30. 50	17. 91	15. 68	22. 47	149.
5	20	29. 00	47. 11	34. 55	19. 41	14.91	23. 45	168.
4	19	25. 08	36. 75	27. 40	16. 65	13. 49	24. 29	143. (
5	20	25. 80	44. 94	31. 90	19. 53	17. 12	21. 35	160.
5	20	22. 60	40. 81	29. 80	18. 75	16. 67	23. 10	151.
5	20	21. 32	34. 79	26, 05	15. 75	14. 80	21. 21	133.
5	20	26. 56	40. 81	32, 85	19. 02	17. 95	21.77	158.9
5	20	22. 40	39, 97	28. 15	18.03	14. 99	21. 63	145.
5	20	26. 68 21. 96	46. 55 37. 10	34. 65 26. 95	19. 68 17. 91	17. 73 18. 16	23. 31	168.
5	20 20	21. 96	45, 99	26. 95 31. 80	17. 91	15. 51	21. 84 21. 42	143. 9
5	20	25. 24	50. 12	35. 40	17. 22	17. 88	22. 61	157. 173. 1
2	17	27. 48	37. 73	27, 20	16. 98	17. 88	21, 28	173.
5	11	21. 92	37. 66	26. 00	17. 85	14.06	21. 26	139.
8 5	20	21. 16	36. 19	26. 15	18. 87	18. 38	22. 68	143.
5	20	25. 20	41. 79	32, 70	17. 43	17. 60	21. 91	156.
5	20	20. 60	38. 15	28. 60	20. 49	17. 79	22. 47	148.
5	20	29. 40	43. 33	31. 55	19. 08	16. 35	23. 73	163.
5	20	25. 20	47. 74	32, 40	18. 63	16. 51	23. 45	163.
5	20	26, 60	44. 80	29, 90	17. 58	14. 35	22. 19	155.
5	20	23, 52	41, 23	29, 70	16. 98	14. 91	21. 70	148.
5	20	21. 68	39. 76	29. 15	16.32	14.90	22, 82	144.
5	20	21. 32	37. 59	26. 05	16.05	13. 98	22, 82	137.
5	20	24. 08	40. 39	32, 25	18. 99	17. 02	23. 31	156.
5	20	22. 92	39. 20	31. 20	18. 90	17. 28	22. 19	151.
8	11	23. 28	42, 07	30. 25	17. 97	14. 46	22. 19	150.
5	20	21. 76	38. 15	27. 65	18. 21	16. 28	21. 70	143.
5	20	25. 28	39. 20	30. 80	18.48	15. 88	22, 68	152.
5	20	26. 56	37. 31	29. 40	17. 16	13, 89	21. 91	146.
5	20	26. 08	43. 33	30. 85	19. 92	17. 09	23. 24	160.
5	20	24. 88	37. 38	27. 55	16. 83	13. 95	22, 89	143.
2	15	21. 68	35. 56	27. 80	16. 77	14. 21	23. 80	139.
5	20	27. 48	48. 58	33. 55	15. 69	15. 09	22. 89	163.
5	20	27. 24	43. 82	31. 90	20. 19	18. 48	23, 24	164.
5	20	23. 80	41. 37	27. 50	16. 83	13. 59	19. 46	142.
5	20	20. 96	35. 98	26. 40	19. 05	14, 16	22. 12	138.
5	20	20. 84 23. 20	34. 65	24. 35 26. 45	17. 43	13. 29	23. 80	134.
2	13 11	23. 20 27. 72	37. 52 44. 66	31. 55	17. 19 16. 86	14, 62 15, 65	22. 19 25. 20	141. 161.
5	20	23. 72	37. 94	27. 85	17. 31	15. 57	24. 01	146.
5	20	23. 24	42. 14	29. 05	19, 86	15. 47	23. 10	152.
5	20	24. 96	38. 43	28. 95	17. 28	16. 19	22. 05	147.
5	20	26. 72	40. 25	31. 70	20. 31	16. 90	22, 89	158.
5	20	23. 80	38. 29	29. 05	17. 31	14. 33	24. 22	147.
5	20	20. 36	36. 75	25. 95	16. 95	14. 58	23. 31	137.
5	20	25. 72	41. 65	32. 00	20. 01	16. 40	23. 87	159.
5	20	23. 72	44. 17	32. 70	19. 62	16. 41	24. 22	160.
3	15	23. 84	39. 48	29, 50	19. 05	15. 96	21. 21	149.
5	20	25. 16	39. 90	31. 15	17. 61	14. 73	22, 54	151.
5	20	29. 40	50. 54	36. 30	18. 96	16. 54	24. 08	175.
5	20	26. 28	48. 44	33. 70	19, 11	17. 74	21. 70	166.
5	20	24. 24	38. 64	30. 20	19.83	16. 57	24. 08	153.

Order			-		t date of dission
of general merit for aca- demic year	Names	State from which appointed	Date of admission	Years	Months
56	Ahroon, Thomas Andrew	Maryland	July 8, 1924	17	2
86	Aichel, Alfred Montague	New Hampshire	Sept. 2 1924	19	8
244	Alderman, John Clement	Oregon	June 16, 1924	17	11
136 179	Ambruster, Stephen Henry Anderson, Paul Ramseur	Missouri North Carolina	do	19 17	6
90	Archer, Robert John	Washington	July 24, 1924 July 7, 1924	17	6
232	Armbrust, Carl Raymond	Arkansas	July 8, 1924	18	6
28	Ascherfeld, Theodore Frederick	New Jersey	Aug. 8, 1924	18	9
/ 229	Ashcraft, Thomas	Alabama	Aug. 30, 1924	17	1
192	Babbitt, Nathan Clark	New York	June 16 1924	18	1
135	Bagdanovich, Michael Peter	New Hampshire	do	20	0
*2	Ball, Norman Tower	Ohio	July 3, 1924	19	5
*4	Ballance, Robert Green	Illinois	July 8, 1924	19	0
165	Banister, Alan Boyd	Oklahoma	June 30, 1924	19	5
121	Barnette, Stuart Moffett	Delaware	July 10, 1923	18	4
*6	Barrier, Paul Franklin	Kansas	June 16, 1924	18	2
127	Batterton, Boeker Charles Batterton, Richard Yates	Illinois	Sept. 2, 1924	20 19	10
196 139	Beall, Drewry Augustus	Wyoming	do	19	10
184	Beasley, Miller	Texas	July 24, 1924	17	6
225	Belanger, Valbert Andre	Massachusetts	June 16, 1924	19	1
*15	Bell, Lyman Herrick	Iowa	July 3, 1923	18	0
89	Beyerly, Irwin Forest	Ohio	June 30, 1924	19	0
205	Bierer, James Shadel	At large	June 16, 1924	16	8
141	Biggs, Frank Clay	Oklahoma	July 12, 1924	19	11
84	Binney, Arthur Fremont	Michigan	July 14, 1924	18	7
140	Black, Lex Leroy	Pennsylvania	Sept. 2, 1924	20	0
106	Blackford, Chester Miles	West Virginia	July 24, 1924	18	7
127	Bogvilo, Victor	Vermont	July 14, 1924	17	8
*17	Bole, John Archibald, jr	New Jersey	Aug. 21, 1924	18	5
29	Boss, Carlos Ransom	Pennsylvania	July 3, 1923 June 23, 1924	18 17	5 10
67 194	Bowers, John Treadwell, jr	Maryland Massachusetts	Aug. 23, 1924	18	1
159	Boyd, John Moore	Alabama	Sept. 2, 1924	19	8
119	Brennan, William Cyril	Wisconsin	July 8, 1924	19	8
/42	Brett, James Henry, jr	Georgia	July 2, 1923	17	9
109	Broadbent, Charles	New York	June 16, 1924	20	2
/ 188	Brown, Chesford	At large	Aug. 18, 1924	19	1
233	Brown, William Lee Lyons	Kentucky	June 23, 1924	17	11
*21	Bruen, Cuthbert Joseph	Ohio	July 6, 1923	16	7
x250	Burke, John Edward	North Dakota	July 9, 1923	18	6
218	Burke, James Justin	Minnesota	July 29, 1924	17	10
97	Burrows, Albert Collins	Oklahoma	Sept. 2, 1924	18	11
68	Burton, Eugene Paul	Missouri	July 7, 1924	18 17	7 7
*9	Burzynski, Raymond Oliver	Wisconsin Maine	June 16, 1924	18	8
i248	Bush, Harold Harrington Cardwell, Larry	Dist. of Columbia		18	1
177 105	Carlson, Donald Edward	At large	June 18, 1924	18	11
72	Carpenter, Harlow Jesse	Indiana	June 16, 1924	18	3
242	Carusi, Eugene Cassin	Minnesota	June 21, 1924	19	1
/ x262	Catterton, Max Lee	Illinois	July 3, 1923	19	1
12601/2	Chew, Charles James	Iowa	Aug. 6, 1924	18	4
h132	Clegg, Ernest Calvert	New York	June 16, 1924	19	8
31	Cockell, William Arthur	do	Sept. 2, 1924	19	0
158	Coffman, Clovis Clyde	Texas	June 16, 1924	19	10

for the first year of their academic course—272 members—June, 1925

Sea service i ship		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
26	De			Maxin	num		
Months	Days	16	32	20	16	16	100
2	26	14.68	26. 00	14, 53	11. 26	15. 44	81. 91
4	25	13. 98	24, 96	14.12	12, 32	15. 48	80. 86
2	26	11.84	21. 32	16. 40	10. 72	12. 96	73. 24
2	26	12. 58	24. 04	14. 24	12.06	15. 56	78. 48
2 2	26 26	11. 98	20. 48	14. 56	13. 72	15. 52	80, 80
2	26	12. 04	24. 08 20. 60	15. 32 14. 67	14. 24 12. 78	15. 12 15. 00	73. 8
2	26	12.32	26, 80	16.87	13. 94	14. 40	84. 33
2	26	10. 90	21. 00	15. 56	10. 58	15. 88	73. 92
2	26	12. 42	22. 00	14. 59	11.30	15. 44	75. 78
1	7	15. 02	23. 04	13.88	11.46	15. 16	78. 56
2	26	13. 94	30. 56	16.88	14. 68	15. 24	91. 30
2	26	13.78	28. 68	16.85	14, 40	15. 68	89. 39
2	26	11.04	23. 80	14. 42	13. 20	- 14.68	77. 14
5	20	14. 54	21. 44	15. 11	12. 76	15. 40	79. 2
2	26	14. 28	28. 48	15. 79	13. 84	15. 80	88. 19
2	26	12. 98	23. 04	15. 17	12.14	15. 68	79. 03
2 2	26 26	11. 20 12. 74	23. 16	15. 80 15. 87	10. 86 13. 86	14, 40 15, 32	75. 49 78. 39
2	26	10, 74	20. 60	15. 10	. 14, 44	15. 32	76. 04
2	26	11. 80	20, 20	13. 84	13. 42	14. 72	74. 10
2	26	14. 88	25, 52	15. 71	13, 90	15, 84	85. 8
2	26	11. 98	24. 72	15. 29	13. 94	14. 88	80. 8
2	26	11. 94	22. 28	13. 39	12.32	15. 12	75. 0.
2	26	12, 26	20. 52	15. 99	14, 84	14.76	78.3
2	26	12.00	21. 88	16.80	15. 12	15.08	80. 8
2	26	13. 66	23. 32	14. 40	12. 16	14.84	78. 3
2	26	13. 90	23. 44	15. 14	11.82	15. 64	79. 9
2	26	12.80	21. 32	15. 49	13. 84	15. 56	79. 0
2	26	13.88	27. 84	15. 06	13. 20	15. 76	85. 74
2 2	26	13. 38	28. 36 24. 68	14. 70 15. 02	12. 36 14. 30	15. 52	84. 3
2 2	26 26	12, 26 12, 90	24. 68	15. 02	11. 90	15. 08 15. 40	75, 4
2	26	12. 62	22. 48	15. 00	11. 48	15. 40	77. 3
. 2	26	12. 80	22. 84	13, 92	13.94	15. 84	79. 3
2	26	14. 32	26. 28	14. 46	12.62	15, 44	83. 1
1	7	13. 16	22. 60	15.04	13. 22	15, 84	79. 8
2	26	12. 54	20. 72	15. 28	12. 28	15.04	75. 8
2	26	10. 54	20. 32	14. 75	12. 48	15. 64	73. 73
5	20	12. 32	28. 36	17. 12	13. 70	13. 76	85. 2
5	20	13.02	20. 40	13. 65	10. 60	14. 84	72. 5
2	26	11. 66	20. 96	13. 55	12, 42	15. 76	74. 3
2	26	12.66	22. 44	16. 56	13, 82	14, 96	80. 44
2 2	26 26	14. 20 12. 94	23. 76 28. 32	15. 33	12, 52	15. 40 15. 68	81. 21 87. 47
0	0	12. 94	18. 88	16. 53 14. 61	14.00		72. 73
2	26	11. 14	20. 84	15. 40	12, 58 12, 64	15. 52 15. 72	76. 33
2	26	13. 78	23. 80	13. 37	13.66	15. 36	79. 9
2	26	13. 98	24. 80	15. 93	11. 26	15. 16	81. 13
2	26	10. 76	21. 36	14. 36	12. 60	14. 20	73. 2
5	20	10.58	20.48	13. 51	10. 10	13.36	68. 0
0	0	11. 98	19. 24	12.74	10.64	15. 36	69. 96
2	26	11.60	22.04	15. 96	14. 46	14. 72	78. 78
2	26	11. 48	27. 12	15. 90	14.60	14.92	84. 02
2	4	11. 82	20. 48	16. 17	13. 38	15. 64	77.

Ordon				Age a	t date of
Order of					ission
general		State from which	Doto of		
merit for	Names	State from which appointed	Date of admission		Ī
aca-					
demic year			E	Years	Months
year					
i2561/2	Cole, Reuben David	Illinois	Sept. 2, 1924	19	3
190	Collins, George William	New York	July 14, 1924	18	0
25	Collis, John Leon	do	July 3, 1923	17	9
161	Connaughton, Clyde Augustine	Indiana	June 16, 1924	19	1
59	Conway, Gordon Vernon	do	June 17, 1924	20	1
143	Cook, Carl Clinton	Arkansas		19	6
155	Cook, Thomas Sutherland	Missouri	June 18, 1924	19	4
123	Corby, Albert Bruce	New York	June 16, 1924	18	11
53	Croft, Frank Cornelius Curtin, Neale Roland	Iowa	July 2, 1923 June 23, 1924	19 17	11 9
133 44	Davis, DeWitt, 3d	Pennsylvania	June 16, 1924	18	0
621/2	Dexter, Edwin Boardman	Michigan Ohio	Sept. 4, 1924	17	11
199	Dodge, Wilson Thomas	Michigan		19	10
1361/2	Donovan, Thomas Alton	Connecticut		19	7
/ 82	Doss, Raymond Oneil	Oklahoma		17	9
V 154	Dresbach, Burton Wilbur.	Ohio		19	10
246	Edgington, John Richard	Pennsylvania		18	5
174	Ennis, Thomas Gates	Connecticut		19	11
27	Enright, George Patrick	New York		18	6
75	Estey, Augustus Ward	do		16	11
91	Ettlinger, William De Roy	do	do	18	4
257	Eversole, Carl Fairbanks	Kentucky	Sept. 2,1924	19	11
*10	Eves, Edward Thomas	Louisiana	do	18	8
49	Fay, Albert James	Maine		19	2
35	Fickling, Evan Edwards	South Carolina		19	4
93	Finnegan, Joseph	Massachusetts		18	11
164	Fitzmaurice, Eugene William	North Dakota	Sept. 2, 1924	18	5
107	Flaherty, Michael Francis Donald	Massachusetts	July 14, 1924	19	7
r251	Flanders, Malcolm Brooks	Vermont	July 7, 1924	17	5
82	Ford, William Grimshaw	Idaho	Sept. 2, 1924	18	4
168 224	Freiburghouse, Leonard Frederick	Kansas New York	Aug. 15, 1924	19 18	7
195	Furber Report Montgomery		June 23, 1924	17	9
260	Furber, Robert MontgomeryFuthey, Samuel Floyd	Minnesota Mississippi	July 2, 1924	19	6
x221	Gaden, Allan Gaston	Tennessee	July 6, 1923	18	11
200	Gallery, Philip Daly	Illinois	July 23, 1924	16	9
33	Garton, Norman Farquhar	Pennsylvania	July 6, 1923	16	10
167	Gerin, Marcel Raymond	Minnesota	June 16, 1924	17	10
52	Gordon, Donald Stuart	Indiana	July 20, 1923	20	3
166	Gray, Walter Newel	California	July 11, 1924	19	1
184	Grimmett, Homer Delaine	Oklahoma	July 28, 1924	17	3
x243	Haines, Richard Alexander	New York	Aug. 17, 1923	20	4
107	Hale, Charles Mansel	Ohio	July 3,1924	19	11
x228	Hall, Robert Samuel, jr	Mississippi	Aug. 1, 1923	19	5
252	Hamilton, Weldon Lee	Rhode Island	July 12, 1924	17	7
218	Hanby, John Estes	Alabama	Sept. 2, 1924	19	2
1731/2	Hannegan, Edward Allen	Wisconsin	July 8, 1924	18	7
47	Harris, Claude Melvin	West Virginia	June 16, 1924	18	9
p175	Harrison, Samuel Henderson	Tennessee	July 3, 1923	18	1
236	Hasbrouck, Preston	New York	July 7, 1923	17	5
*18	Hastings, Wilfred Joseph	Massachusetts	June 18, 1924	19	4
37	Hawk, Earle Clifford Heil, John Joseph	New York	July 14, 1924 June 20, 1924	19 19	3 2
46 96	Hewett, Lindell Harris	At large Kansas	Aug. 17, 1923	18	7
x198	Hicks, Allen Sturdivant	Alabama.		16	10
T130]	inone, Anen otururvant	manama	vary 5, 1525 [10 1	10 1

first year of their academic course—272 members—June, 1925—Continued

Months	Sea service in ship		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggrega first yea
16					Maxin	num		,
2 26 11.76 21.20 15.06 12.50 15.32 5 20 14.02 25.40 15.93 14.08 15.32 2 26 11.36 22.24 16.11 12.54 15.08 2 26 12.00 23.88 16.03 14.20 15.68 2 26 11.52 22.88 15.13 13.88 14.84 2 26 12.78 22.40 15.72 13.14 15.08 2 26 13.46 25.64 14.24 13.02 15.88 2 26 13.26 26.84 15.70 12.40 14.72 2 26 13.48 22.60 15.92 14.34 15.22 2 26 13.48 22.60 15.92 14.34 15.22 2 26 14.66 21.88 15.77 13.52 15.80 2 26 14.52 12.64 15.72 15.80	Months	Days	16	32	20	16	16	100
5 20 14.02 25.40 15.93 14.08 15.28 2 26 11.36 22.24 16.11 12.54 15.04 2 26 11.58 23.20 14.73 13.98 14.84 2 26 11.52 22.88 15.13 13.98 14.84 2 26 12.78 22.40 15.72 13.14 15.08 2 26 13.46 25.64 14.24 13.02 15.88 2 26 11.78 23.28 14.85 12.80 16.00 2 26 13.48 22.60 15.92 14.34 15.28 2 26 13.48 22.60 15.92 14.34 15.28 2 26 14.66 21.88 15.77 13.52 15.68 2 26 14.66 21.88 15.77 13.52 15.68 2 26 14.66 21.88 15.79 13.72	2	26	11. 44	18.68	13. 55	11. 54	15. 60	70.
2 26 11.36 22.24 16.11 12.54 15.04 2 26 11.58 23.20 14.73 13.98 14.84 2 26 11.52 22.88 15.13 13.98 14.84 2 26 11.78 22.40 15.72 13.14 15.08 2 26 13.46 25.64 14.24 13.02 15.88 2 26 13.26 26.84 15.70 12.40 14.72 2 26 13.28 22.84 14.85 12.80 16.00 2 26 13.48 22.60 15.99 14.34 15.28 2 26 13.88 21.84 14.82 11.14 15.12 2 26 14.66 21.88 15.27 13.52 15.68 2 26 14.52 22.64 15.04 12.82 15.76 2 26 14.52 12.64 15.04 12.84	2	26	11.76	21, 20	15. 06	12. 50	15.32	75.
2 26 11.00 23.88 16.03 14.73 13.98 14.84 2 26 11.52 22.88 15.13 13.88 14.84 2 26 12.78 22.40 15.72 13.14 15.08 2 26 13.46 25.64 14.24 13.02 15.88 2 26 13.26 26.84 15.70 12.40 14.72 2 26 13.26 26.84 15.70 12.40 14.72 2 26 13.48 22.60 15.92 14.34 15.22 26 12.78 21.56 15.59 12.72 15.80 2 26 12.78 21.56 15.59 12.72 15.80 2 26 11.52 22.64 15.04 12.82 15.76 2 26 13.30 21.56 15.80 13.11 12.94 14.88 2 26 13.30 25.96 16.31 <td></td> <td>20</td> <td>14. 02</td> <td>25. 40</td> <td>15.93</td> <td>14. 08</td> <td></td> <td>84.</td>		20	14. 02	25. 40	15.93	14. 08		84.
2 26 11.58 23.20 14.73 13.98 14.84 2 26 11.52 22.88 15.13 13.98 14.84 2 26 12.78 22.40 15.72 13.14 16.00 2 26 11.36 25.64 14.24 13.02 15.88 2 26 13.26 26.84 15.70 12.40 14.72 2 26 13.48 22.60 15.92 14.34 15.28 2 4 12.38 21.84 14.82 11.14 15.128 2 26 12.78 21.56 15.59 12.72 15.80 2 26 11.52 22.64 15.04 12.22 15.68 2 26 12.12 19.80 13.11 12.94 14.88 2 26 13.30 25.96 16.31 13.62 15.72 2 26 13.30 25.96 16.31 14.94								77.
2 26 11.52 22.88 15.13 13.88 14.28 2 26 13.46 25.64 14.24 13.02 15.88 2 26 13.46 25.64 14.24 13.02 15.88 2 26 13.26 26.84 15.70 12.40 14.72 2 26 13.48 22.60 15.92 14.34 15.28 2 26 12.78 21.56 15.59 12.72 15.80 2 26 12.78 21.56 15.59 12.72 15.80 2 26 14.66 21.88 15.27 13.52 15.68 2 26 11.52 22.64 15.04 12.82 15.76 2 26 13.00 25.96 16.31 11 12.94 14.88 2 26 13.30 25.40 14.21 12.56 15.72 2 26 13.30 25.40 14.21								81.
2 26 12.78 22.40 15.72 13.14 15.08 2 26 13.46 25.64 14.24 13.02 15.88 2 26 11.78 23.28 14.85 12.80 16.00 2 26 13.26 26.84 15.70 12.40 14.72 2 26 13.48 22.60 15.92 14.34 15.22 2 4 12.38 21.84 14.82 11.14 15.12 2 26 14.66 21.88 15.27 13.52 15.80 2 26 14.66 21.88 15.27 13.52 15.68 2 26 11.52 22.64 15.04 12.82 15.76 2 26 11.50 21.88 15.27 13.52 15.76 2 26 11.50 21.88 15.27 13.28 15.76 2 26 12.12 19.80 13.11 12.94								78.
2 26 13.46 25.64 14.24 13.02 15.88 2 26 11.78 23.28 14.85 12.80 16.00 2 26 13.48 22.60 15.92 14.34 15.28 2 4 12.38 21.84 14.82 11.14 15.12 2 26 14.66 21.88 15.59 12.72 15.68 2 26 11.52 22.64 15.04 12.82 15.76 2 26 11.52 22.64 15.04 12.82 15.76 2 26 11.52 22.64 15.04 12.82 15.76 2 26 13.30 25.96 16.31 11.62 15.72 2 26 13.30 25.40 14.21 12.56 15.64 2 26 13.35 26.16 14.26 11.94 12.00 4 13.28 29.12 15.76 13.46 15.94								77.
2 26 11. 78 23. 28 14. 85 12. 80 16. 00 2 26 13. 26 26. 84 15. 70 12. 40 14. 72 2 26 13. 48 22. 60 15. 92 14. 34 15. 28 2 4 12. 38 21. 84 14. 82 11. 14 15. 12 2 26 12. 78 21. 56 15. 59 12. 72 15. 80 2 26 14. 66 21. 88 15. 27 13. 52 15. 70 2 26 11. 52 22. 64 15. 04 12. 82 15. 76 2 26 13. 30 25. 96 16. 31 13. 62 15. 72 2 26 13. 30 25. 96 16. 31 13. 62 15. 64 2 26 13. 38 26. 16 14. 26 11. 94 12. 00 2 26 13. 38 29. 12 15. 76 13. 48 15. 64 2 26 13. 38 29.				1				79.
2 26 13. 26 26. 84 15. 70 12. 40 14. 72 2 26 13. 48 22. 60 15. 92 14. 34 15. 28 2 26 12. 78 21. 56 15. 59 12. 72 15. 80 2 26 14. 66 21. 88 15. 27 13. 52 15. 68 2 26 11. 52 22. 64 15. 04 12. 82 15. 76 2 26 10. 30 21. 56 15. 80 13. 28 15. 56 2 26 13. 00 25. 96 16. 31 13. 62 15. 72 2 26 13. 30 25. 40 14. 21 12. 56 15. 64 2 26 13. 30 25. 40 14. 21 12. 56 15. 64 2 26 13. 38 26. 16 14. 26 11. 94 15. 04 2 26 13. 38 26. 16 14. 26 11. 94 12. 00 5 17 13. 28 29			1					82. 78.
2 26 13. 48 22. 60 15. 92 14. 34 15. 28 2 4 12. 38 21. 84 14. 82 11. 14 15. 12 2 26 12. 78 21. 56 15. 59 12. 72 15. 80 2 26 14. 66 21. 88 15. 27 13. 52 15. 68 2 26 11. 52 22. 64 15. 04 12. 82 15. 76 2 26 10. 30 21. 56 15. 80 13. 11 12. 94 14. 88 2 26 13. 00 25. 96 16. 31 13. 62 15. 76 2 26 13. 30 25. 40 14. 21 12. 56 15. 64 2 26 13. 38 26. 16 14. 26 11. 94 12. 00 5 17 13. 28 29. 12 15. 76 13. 46 15. 80 2 26 11. 32 25. 12 16. 13 14. 86 15. 24 2 26 12.			1	I		1		82.
2 4 12.38 21.84 14.82 11.14 15.12 2 26 12.78 21.56 15.59 12.72 15.80 2 26 14.66 21.88 15.27 13.52 15.60 2 26 11.52 22.64 15.04 12.82 15.76 2 26 10.30 21.56 15.80 13.28 15.56 2 26 13.00 25.96 16.31 13.62 15.72 2 26 13.30 25.40 14.21 12.56 15.64 2 26 13.38 26.16 14.26 11.94 15.04 2 26 13.38 26.16 14.26 11.94 15.04 2 26 11.50 21.28 14.06 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.20 17 13.22 25.12 16.13 14.86 15.24 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>81.</td>								81.
2 26 12.78 21.56 15.59 12.72 15.80 2 26 14.66 21.88 15.27 13.52 15.68 2 26 11.52 22.64 15.04 12.82 15.76 2 26 12.12 19.80 13.11 12.94 14.88 2 26 13.00 25.96 16.31 13.22 15.56 2 26 13.30 25.40 14.21 12.56 15.64 2 26 13.38 26.16 14.26 11.94 15.04 2 26 13.38 26.16 14.26 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.80 2 26 11.50 21.28 14.06 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.80 2 26 11.50 21.28 14.99 14.56			1					75.
2 26 14.66 21.88 15.27 13.52 15.68 2 26 11.52 22.64 15.04 12.82 15.76 2 26 12.12 19.80 13.11 12.94 14.88 2 26 10.30 21.56 15.80 13.28 15.56 2 26 13.00 25.96 16.31 13.62 15.72 2 26 13.33 25.40 14.21 12.56 15.64 2 26 11.50 21.28 14.06 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.80 2 26 11.32 25.12 16.13 14.86 15.24 2 26 11.32 25.12 16.13 14.86 15.24 2 26 12.40 23.00 14.99 14.56 15.72 2 26 12.40 23.00 14.99 14.56								78.
2 26 11.52 22.64 15.04 12.82 15.76 2 26 12.12 19.80 13.11 12.94 14.88 2 26 10.30 21.56 15.80 13.28 15.56 2 26 13.00 25.96 16.31 13.62 15.72 2 26 13.38 26.16 14.21 12.56 15.64 2 26 11.50 21.28 14.06 11.94 15.04 2 26 11.32 29.12 15.76 13.46 15.80 2 26 11.32 25.12 16.13 14.86 15.24 2 26 11.32 25.12 16.13 14.86 15.24 2 26 11.32 25.12 16.13 14.86 15.24 2 26 11.34 24.96 16.70 15.36 15.68 2 26 11.50 22.72 15.42 14.32								81.
2 26 10.30 21.56 15.80 13.28 15.56 2 26 13.00 25.96 16.31 13.62 15.72 2 26 13.30 25.40 14.21 12.56 15.72 2 26 13.38 26.16 14.26 11.94 15.04 2 26 11.50 21.28 14.06 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.80 2 26 11.32 25.12 16.13 14.86 15.28 2 26 10.94 24.96 16.70 15.36 15.68 2 26 12.40 23.00 14.99 14.56 15.72 2 26 11.86 24.56 15.29 11.48 13.96 2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.70 25.52 14.71 13.40	2	26	11. 52	22. 64	15.04	12.82	15. 76	77.
2 26 13.00 25.96 16.31 13.62 15.72 2 26 13.30 25.40 14.21 12.56 15.64 2 26 13.38 26.16 14.26 11.94 15.04 2 26 11.50 21.28 14.06 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.80 2 26 11.32 25.12 16.13 14.86 15.24 2 26 12.40 23.00 14.99 14.56 15.72 2 26 11.86 24.56 15.29 11.48 15.72 2 26 11.50 22.72 15.42 14.32 15.96 0 0 10.84 21.04 12.96 11.54 15.72 2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.28 21.92 14.77 12.74		26	12.12	19. 80	13. 11	12.94	14. 88	72.
2 26 13.30 25.40 14.21 12.56 15.64 2 26 13.38 26.16 14.26 11.94 15.04 2 26 11.50 21.28 14.06 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.80 2 26 11.32 25.12 16.13 14.86 15.24 2 26 12.40 23.00 14.99 14.56 15.68 2 26 11.86 24.56 15.29 11.48 13.96 2 26 11.50 22.72 15.42 14.32 15.96 0 0 10.84 21.04 12.96 11.54 15.72 2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.72 25.52 14.71 11.58 15.16 2 26 12.28 21.92 14.77 12.74		26	10. 30	21. 56	15. 80	13. 28	15. 56	76.
2 26 13.38 26.16 14.26 11.94 15.04 2 26 11.50 21.28 14.06 11.94 12.00 5 17 13.28 29.12 15.76 13.46 15.80 2 26 11.32 25.12 16.13 14.86 15.24 2 26 10.94 24.96 16.70 15.36 15.68 2 26 12.40 23.00 14.99 14.56 15.72 2 26 11.50 22.72 15.42 14.32 15.96 2 26 11.50 22.72 15.42 14.32 15.96 0 0 10.84 21.04 12.96 11.54 15.72 2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.28 21.92 14.77 12.74 15.12 2 26 12.52 20.72 14.17 11.58		26	13.00	25.96	16. 31	13. 62	15. 72	84.
2 26 11. 50 21. 28 14. 06 11. 94 12. 00 5 17 13. 28 29. 12 15. 76 13. 46 15. 80 2 26 11. 32 25. 12 16. 13 14. 86 15. 80 2 26 10. 94 24. 96 16. 70 15. 36 15. 68 2 26 12. 40 23. 00 14. 99 14. 56 15. 72 2 26 11. 86 24. 56 15. 29 11. 48 13. 96 2 26 11. 50 22. 72 15. 42 14. 32 15. 96 0 0 10. 84 21. 04 12. 96 11. 54 15. 72 2 26 12. 70 25. 52 14. 71 13. 40 14. 68 2 26 12. 28 21. 92 14. 77 12. 74 15. 12 2 26 12. 52 20. 72 14. 17 11. 58 15. 16 2 26 11. 78 21.								81.
5 17 13. 28 29. 12 15. 76 13. 46 15. 80 2 26 11. 32 25. 12 16. 13 14. 86 15. 24 2 26 10. 94 24. 96 16. 70 15. 36 15. 68 2 26 12. 40 23. 00 14. 99 14. 56 15. 72 2 26 11. 86 24. 56 15. 29 11. 48 13. 96 0 0 10. 84 21. 04 12. 96 11. 54 15. 72 2 26 12. 70 25. 52 14. 71 13. 40 14. 68 2 26 12. 28 21. 92 14. 77 12. 74 15. 12 2 26 12. 52 20. 72 14. 17 11. 58 15. 16 2 26 11. 78 21. 24 13. 83 13. 26 15. 32 2 26 11. 78 21. 24 13. 83 13. 26 15. 30 5 20 12. 08 22.								80.
2 26 11. 32 25. 12 16. 13 14. 86 15. 24 2 26 10. 94 24. 96 16. 70 15. 36 15. 68 2 26 12. 40 23. 00 14. 99 14. 56 15. 72 2 26 11. 86 24. 56 15. 29 11. 48 13. 96 2 26 11. 50 22. 72 15. 42 14. 32 15. 96 0 0 10. 84 21. 04 12. 96 11. 54 15. 72 2 26 12. 70 25. 52 14. 71 13. 40 14. 68 2 26 12. 28 21. 92 14. 77 12. 74 15. 12 2 26 12. 52 20. 72 14. 17 11. 58 15. 16 2 26 11. 78 21. 24 13. 83 13. 26 15. 32 2 26 11. 78 21. 24 13. 83 13. 26 15. 32 2 26 11. 54 21. 20 15. 69 10. 18 15. 80 5 20 12. 08								70.
2 26 10.94 24.96 16.70 15.36 15.68 2 26 12.40 23.00 14.99 14.56 15.72 2 26 11.86 24.56 15.29 11.48 13.96 0 0 10.84 21.04 12.96 11.54 15.72 2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.28 21.92 14.77 12.74 15.12 2 26 11.78 21.24 13.83 13.26 15.32 2 26 11.78 21.24 13.83 13.26 15.32 2 26 11.78 21.24 13.05 10.18 15.80 5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 15.02 11.50			1					87.
2 26 12.40 23.00 14.99 14.56 15.72 2 26 11.86 24.56 15.29 11.48 13.96 2 26 11.50 22.72 15.42 14.32 15.96 0 0 10.84 21.04 12.96 11.54 15.72 2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.28 21.92 14.77 12.74 15.12 2 26 12.52 20.72 14.17 11.58 15.16 2 26 11.78 21.24 13.35 13.26 15.32 2 26 11.00 20.16 13.05 10.18 15.80 5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 15.02 11.50			1					82.
2 26 11. 86 24. 56 15. 29 11. 48 13. 96 2 26 11. 50 22. 72 15. 42 14. 32 15. 96 0 0 10. 84 21. 04 12. 96 11. 54 15. 72 2 26 12. 70 25. 52 14. 71 13. 40 14. 68 2 26 12. 28 21. 92 14. 77 12. 74 15. 12 2 26 12. 52 20. 72 14. 17 11. 58 15. 16 2 26 11. 78 21. 24 13. 83 13. 26 15. 30 2 26 11. 00 20. 16 13. 05 10. 18 15. 80 5 20 12. 08 22. 36 15. 19 10. 46 14. 16 2 26 11. 54 21. 20 15. 69 11. 62 15. 20 2 26 12. 78 28. 72 15. 02 11. 50 15. 96 2 26 12. 78 22.			1					83. 80.
2 26 11. 50 22. 72 15. 42 14. 32 15. 96 0 0 10. 84 21. 04 12. 96 11. 54 15. 72 2 26 12. 70 25. 52 14. 71 13. 40 14. 68 2 26 12. 28 21. 92 14. 77 12. 74 15. 12 2 26 12. 52 20. 72 14. 17 11. 58 15. 16 2 26 11. 78 21. 24 13. 83 13. 26 15. 32 2 26 11. 00 20. 16 13. 05 10. 18 15. 80 5 20 12. 08 22. 36 15. 19 10. 46 14. 16 2 26 11. 54 21. 20 15. 69 11. 62 15. 20 2 26 12. 78 28. 72 15. 02 11. 50 15. 96 2 26 12. 22 2. 48 15. 18 11. 24 15. 80 5 20 13. 06 20.	1							77.
0 0 10.84 21.04 12.96 11.54 15.72 2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.28 21.92 14.77 12.74 15.12 2 26 12.52 20.72 14.17 11.58 15.16 2 26 11.78 21.24 13.83 13.26 15.32 2 26 11.00 20.16 13.05 10.18 15.80 5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 15.02 11.50 15.96 2 26 12.22 22.48 15.18 11.24 15.80 5 20 13.00 25.56 15.16 13.22 15.40 2 26 12.80 21.80 13.56 12.80								79.
2 26 12.70 25.52 14.71 13.40 14.68 2 26 12.28 21.92 14.77 12.74 15.12 2 26 12.52 20.72 14.17 11.58 15.16 2 26 11.78 21.24 13.83 13.26 15.32 2 26 11.00 20.16 13.05 10.18 15.80 5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 15.02 11.50 15.96 2 26 12.22 22.48 15.18 11.24 15.80 5 20 13.00 25.56 15.16 13.22 15.40 2 26 12.80 21.80 13.56 12.80 15.56 2 26 12.80 21.12 14.78 13.56 15.56 2 26 12.86 25.88 13.78 12.20 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>72.</td>								72.
2 26 12.28 21.92 14.77 12.74 15.12 2 26 12.52 20.72 14.17 11.58 15.16 2 26 11.78 21.24 13.83 13.26 15.32 2 26 11.00 20.16 13.05 10.18 15.80 5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 16.02 11.50 15.90 2 26 12.22 22.48 15.18 11.24 15.80 5 20 13.00 25.56 15.16 13.22 15.40 2 26 12.80 21.80 13.56 12.80 15.56 2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04			l v					81.
2 26 11.78 21.24 13.83 13.26 15.32 2 26 11.00 20.16 13.05 10.18 15.80 5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 15.02 11.50 15.96 2 26 12.22 22.48 15.18 11.24 15.80 5 20 13.00 25.56 15.16 13.22 15.40 2 26 13.06 20.12 14.78 13.56 15.56 2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70		26	12. 28	21. 92		12.74	15.12	76.
2 26 11.00 20.16 13.05 10.18 15.80 5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 15.02 11.50 15.96 2 26 12.22 22.48 15.18 11.24 15.80 5 20 13.00 25.56 15.16 13.22 15.40 2 26 13.06 20.12 14.78 13.56 15.56 2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 10.72 22.04 13.41 12.58	2	26	12. 52	20. 72	14. 17	11. 58	15. 16	74.
5 20 12.08 22.36 15.19 10.46 14.16 2 26 11.54 21.20 15.69 11.62 15.20 2 26 12.78 28.72 15.02 11.50 15.90 2 26 12.22 22.48 15.18 11.24 15.80 5 20 13.00 25.56 15.16 13.22 15.40 2 26 13.06 20.12 14.78 13.56 15.56 2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 12.54 20.68 13.89 11.12 14.84 2 26 10.72 22.04 13.41 12.58	2	26	11. 78	21. 24	13. 83	13. 26	. 15,32	75.
2 26 11. 54 21. 20 15. 69 11. 62 15. 20 2 26 12. 78 28. 72 15. 02 11. 50 15. 96 2 26 12. 22 22. 48 15. 18 11. 24 15. 80 5 20 13. 00 25. 56 15. 16 13. 22 15. 40 2 26 13. 06 20. 12 14. 78 13. 56 15. 56 2 26 12. 80 21. 80 13. 56 12. 80 15. 08 5 20 11. 52 21. 12 13. 66 11. 04 15. 92 2 26 12. 86 25. 88 13. 78 12. 20 15. 20 5 20 11. 78 21. 16 14. 38 10. 70 15. 92 2 26 11. 54 20. 68 13. 89 11. 12 14. 84 2 26 10. 72 22. 04 13. 41 12. 58 15. 60 2 26 10. 92 27						10. 18		70.
2 26 12.78 28.72 15.02 11.50 15.96 2 26 12.22 22.48 15.18 11.24 15.80 5 20 13.00 25.56 15.16 13.22 15.40 2 26 13.06 20.12 14.78 13.56 15.56 2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 11.54 20.68 13.89 11.12 14.84 2 26 10.72 22.04 13.41 12.58 15.68 2 4 12.52 22.32 14.47 11.58 15.68 2 26 10.92 27.44 15.44 13.48 15.52 5 20 12.74 20.44 14.81 13.44 15.00								74.
2 26 12. 22 22. 48 15. 18 11. 24 15. 80 5 20 13. 00 25. 56 15. 16 13. 22 15. 40 2 26 13. 06 20. 12 14. 78 13. 56 15. 58 2 26 12. 80 21. 80 13. 56 12. 80 15. 08 5 20 11. 52 21. 12 13. 66 11. 04 15. 92 2 26 12. 86 25. 88 13. 78 12. 20 15. 20 5 20 11. 78 21. 16 14. 38 10. 70 15. 92 2 26 11. 54 20. 68 13. 89 11. 12 14. 84 2 26 10. 72 22. 04 13. 41 12. 58 15. 60 2 4 12. 52 22. 32 14. 47 11. 58 15. 68 2 26 10. 92 27. 44 15. 44 13. 48 15. 52 5 20 12. 74 20. 44 14. 81 13. 44 15. 00			1	0.00				75.
5 20 13.00 25.56 15.16 13.22 15.40 2 26 13.06 20.12 14.78 13.56 15.56 2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 11.54 20.68 13.89 11.12 14.84 2 26 10.72 22.04 13.41 12.58 15.68 2 4 12.52 22.32 14.47 11.58 15.68 2 26 10.92 27.44 15.44 13.44 13.44 15.00 5 20 12.74 20.44 14.81 13.44 15.00								83.
2 26 13.06 20.12 14.78 13.56 15.56 2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 11.54 20.68 13.89 11.12 14.84 2 26 10.72 22.04 13.41 12.58 15.60 2 4 12.52 22.32 14.47 11.58 15.60 2 26 10.92 27.44 15.44 13.48 15.52 5 20 12.74 20.44 14.81 13.44 15.00								76.
2 26 12.80 21.80 13.56 12.80 15.08 5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 11.54 20.68 13.89 11.12 14.84 2 26 10.72 22.04 13.41 12.58 15.60 2 4 12.52 22.32 14.47 11.58 15.68 2 26 10.92 27.44 15.44 13.48 15.52 5 20 12.74 20.44 14.81 13.44 15.00								82.
5 20 11.52 21.12 13.66 11.04 15.92 2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 11.54 20.68 13.89 11.12 14.84 2 26 10.72 22.04 13.41 12.58 15.60 2 4 12.52 22.32 14.47 11.58 15.68 2 26 10.92 27.44 15.44 13.48 15.52 5 20 12.74 20.44 14.81 13.44 15.00								77. 76.
2 26 12.86 25.88 13.78 12.20 15.20 5 20 11.78 21.16 14.38 10.70 15.92 2 26 11.54 20.68 13.89 11.12 14.84 2 26 10.72 22.04 13.41 12.58 15.60 2 4 12.52 22.32 14.47 11.58 15.68 2 26 10.92 27.44 15.44 13.48 15.52 5 20 12.74 20.44 14.81 13.44 15.00								73.
5 20 11. 78 21. 16 14. 38 10. 70 15. 92 2 26 11. 54 20. 68 13. 89 11. 12 14. 84 2 26 10. 72 22. 04 13. 41 12. 58 15. 68 2 4 12. 52 22. 32 14. 47 11. 58 15. 68 2 26 10. 92 27. 44 15. 44 13. 48 15. 52 5 20 12. 74 20. 44 14. 81 13. 44 15. 00					7			79.
2 26 11. 54 20. 68 13. 89 11. 12 14. 84 2 26 10. 72 22. 04 13. 41 12. 58 15. 60 2 4 12. 52 22. 32 14. 47 11. 58 15. 68 2 26 10. 92 27. 44 15. 44 13. 48 15. 52 5 20 12. 74 20. 44 14. 81 13. 44 15. 00			- 1					73.
2 26 10.72 22.04 13.41 12.58 15.60 2 4 12.52 22.32 14.47 11.58 15.68 2 26 10.92 27.44 15.44 13.48 15.52 5 20 12.74 20.44 14.81 13.44 15.00								72.
2 4 12. 52 22. 32 14. 47 11. 58 15. 68 2 26 10. 92 27. 44 15. 44 13. 48 15. 52 5 20 12. 74 20. 44 14. 81 13. 44 15. 00								74.
2 26 10.92 27.44 15.44 13.48 15.52 5 20 12.74 20.44 14.81 13.44 15.00								76.
	2							82.
2 26 13.66 20.56 14.41 11.68 13.28		20	12. 74	20. 44	14.81	13. 44	15. 00	76.
	2	26	13. 66	20. 56	14. 41	11. 68	13. 28	73.
2 26 12.46 25.48 16.51 15.60 15.60								85.
2 26 13.58 23.72 16.72 13.96 15.52								83.
2 26 14.00 25.00 15.49 13.46 14.88								82.
2 13 12.58 22.12 16.07 14.08 15.60 15.40 15.40								80. 75.

Order					date of dission
of general merit for aca- demic year	Names	State from which appointed	Date of admission	Years	Months
2000	Halden Own Change	X7:::-	C+ 6 1004	10	0
<i>i</i> 239	Holder, Oren Spencer Holland, Harry Morgan	Virginia Texas	Sept. 6, 1924 June 16, 1924	18 19	9
32	Hornby, Cedric Cornwall	Nebraska	July 7, 1924	18	8
23	Hossfeld, Raymond Frederick	New York	July 21, 1924	19	9
24	Howard, William Eager, jr	Wisconsin	June 16, 1924	18	0
207	Hubbard, Robert Lee, jr	Tennessee	July 2, 1923	20	0
215 238	Huff, Charles Peabody, jr	California	Aug. 15, 1924	18 18	11 11
146	Ingham, William Frink, jr	New York	July 7, 1924	19	8
210	Inscoe, Garland Medicus	North California	July 11, 1923	18	11
d	Irwin, Vincent Glendon	At large	June 16, 1924	19	2
93	Jackson, William Crawford	Oklahoma	July 10, 1923	18	7
38	Jacobsen, William Horton	Minnesota	July 1, 1924	17	5
* 134	Jacobson, Harry Samuel James, Ralph Kirk	New Mexico	Sept. 2, 1924 June 16, 1924	17 18	10 1
i258	Jewett, James Quentin	New York	June 18, 1924	20	0
*15	Johnson, Milton George	Arizona	June 16, 1924	18	4
60	Jones, Horace Brenemen	Kentucky	July 8, 1924	19	3
79	Jones, Thomas Wallace	Pennsylvania	Sept. 2, 1924	18	8
116	Jordan, Francois Charles Blesbois	New York	July 16, 1924	17	8
137	Keith, Robert Taylor Scott	Virginia	July 6, 1923	18	$\frac{2}{1}$
138	Keller, Harry Clayton Kendall, Charles Hansford	California Wisconsin	Aug. 8, 1924 June 17, 1924	20 19	11
87	Kennedy, William Dewitt	Louisiana	July 9, 1923	16	5
54	Kent, John	Pennsylvania	July 20, 1923	19	10
261	Kent, Omer James	Washington	Aug. 25, 1924	19	0
130	Kerst, Paul Edward	Illinois	July 31, 1924	20	1
170	King, George Edward	do	Aug. 15, 1924	20	4
245	King, Jesse Lenore	Alabama	Sept. 5, 1924	20	2 6
34 71	Kirchoff, William Frederick	Arkansas	June 16, 1924 Sept. 2, 1924	19 18	7
125/	Koepel, Edward Harry	Michigan	July 14, 1924	16	11
x151	Lair, Rodney Bickham	New York	July 7, 1923	17	6
147	Landen, William James	Massachusetts		19	6
217	Leary, Alexander McIntyre, jr	Louisiana	June 16, 1924	18	4
*1	Lee, James Richard	Virginia	do	18	7
229	Leggett, Julian Howard	North Carolina		18 18	7
75 126	Lewis, William Dean Lindgren, Carl Albin Rudolph	Ohio Minnesota	July 2, 1924 July 16, 1924	19	9
171	Logsdon, De Earl Monroe	Indiana	July 1, 1924	19	9
254	Lovelace, Donald Alexander	North Carolina	July 7, 1924	18	1
72	Lowe, William Wallace	West Virginia	June 24, 1924	17	6
145	Lull, Edward Earle	Illinois	July 3, 1924	18	7
95	Madsen, Elwood Christian	Utah	July 7, 1924	17	10
114	Manees, Edward Oslin Marchant, William Alexander	Arkansas New York	July 2, 1923 June 24, 1924	18 19	8 11
110	McCormick, Harold Arthur	Kansas	July 7, 1924	18	6
169	McCue, John Kenneth	Pennsylvania	Aug. 2, 1924	19	2
129	McDonald, David Lamar	Georgia	July 7, 1924	17	10
181	McKee, Edwin Dinwiddie	New Hampshire	July 14, 1924	17	9
*5	McManemin, John Collin	New Jersey	June 16, 1924	19	4 10
253 *14	Merson, Maurice Martin Millican, William John	Virginia Connecticut	June 17, 1924	17 20	10 2
50	Mitchell, Charles Bruce	Texas	Sept. 2, 1924	18	11
41				17	4

first year of their academic course—272 members—June, 1925—Continued

Sea service shi	in practice ps	Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
	-			Maxin	num		
Months	Days	16	32	20	16	16	100
0	00	10. 36	20. 24	14. 84	14. 20	13. 72	73. 36
2	26	12. 76	21. 96	14. 12	13. 64	15. 48	77. 96
2	26	12.90	23. 24	16. 91	15. 34	15. 60	83. 99
. 2	26	12, 32	26. 84	15. 70	14. 22	15. 88	84, 96
2 2	26 26	12. 88 10. 70	25. 72 23. 04	16, 96 14, 18	13. 82 13. 02	15. 36 13. 96	84, 74 74, 90
2 2	26	11. 42	23. 04	14. 59	11. 26	14, 12	74. 47
2	26	11. 34	23. 08	14. 25	11. 66	14. 04	73.41
2	26	12, 28	22, 96	14. 25	12.86	15. 76	78, 11
2	26	13. 74	21. 80	13. 68	11, 22	14, 20	74. 64
0	00	(a)	(a)	(a)	(a)	15. 88	
2	26	13. 36	26. 24	13. 83	13. 28	13.96	80. 67
2	26	12. 50	24. 96	17. 05	13. 90	15.04	83. 45
2	26	11.86	20. 60	15. 70	14. 70	15. 76	78. 62
2	26	14. 64	29. 12	15. 86	14. 70	15. 28	89. 60
0	00	9. 76	18. 24	13. 16	13, 96	15. 64	70. 76
2	26	14. 20	25. 96	16. 49	14. 36	14.84	85. 85
2	26	14. 04 11. 98	25, 12 25, 20	15. 75	11.84	15.00	81. 75
2 2	26 26	13. 58	25. 20	15. 23 15. 28	13. 22	15. 40	81. 03
5	20	11. 22	22, 72	15. 60	15. 18 13. 14	14. 28 15. 76	79. 64 78. 44
2	26	13. 16	25. 12	16. 31	13. 54	13. 24	81. 37
0	10	13. 00	21. 28	15. 72	12. 50	15. 92	78. 42
2	26	12.30	24, 12	15. 70	13. 52	15, 20	80. 84
5	20	12. 64	25. 28	15. 06	13. 58	15. 64	82, 20
2	26	10.66	19. 72	13. 56	11. 38	14. 16	69. 48
2	26	13. 12	21. 00	16. 54	13. 04	15. 24	78. 94
2	26	12. 50	26. 36	15. 40	12. 10	14. 84	81, 20
2	26	11. 82	20. 56	13. 46	11. 98	15. 40	73. 22
0	00	13. 02	24. 64	16. 69	14. 26	15. 36	83. 97
2 2	26 26	13. 04 11. 70	24. 24 23. 84	13.70	14. 56	15. 60	81. 14
5	20	13. 44	22, 36	15. 32 14. 38	12. 42 12. 56	15, 80 15, 16	79. 08 77. 90
2	26	13. 24	22. 32	14. 35	12, 40	15. 76	78. 07
2	26	11, 32	21. 52	14, 59	11. 70	15. 28	74. 41
2	26	14. 98	28. 92	17. 06	14. 74	15. 72	91. 42
2	26	11. 94	21. 32	13. 98	11.68	15.00	73. 92
2	26	13. 44	24. 36	14. 73	13. 38	15. 20	81. 11
2	26	11.94	22. 76	15. 58	13. 18	15. 60	79.06
2	26	10. 52	20. 48	16. 87	13. 96	14. 84	76. 67
2	26	11. 20	20. 28	14. 34	10. 66	14. 76	71. 24
2	26	13. 80	26. 24	13. 81	12.00	15. 28	81. 1 3
2 2	26	12.00	21. 72	15. 42	14. 76	14. 28	78. 18
2 2	26 26	13. 48 12. 72	22. 20	16. 30	14. 34	14. 16	80. 48
2	26	10, 22	24. 08 22. 28	14. 53 14. 72	12.84	15. 56	79. 73
2	26	13. 04	22. 28	15. 35	12. 28 13. 54	14. 72 15. 84	74. 22 79. 77
2	26	11. 18	22. 48	15. 70	12. 56	14. 88	76, 80
2	26	12. 14	23. 68	14. 58	12. 60	16.00	79. 00
2	26	10. 80	22. 20	14. 61	13. 10	15. 48	76. 19
2	26	14. 34	27. 28	17. 20	14, 94	15, 52	89. 28
2	26	10. 32	21. 44	14. 78	12.06	12. 76	71. 36
2	4	14. 26	26. 48	16. 12	13. 88	15. 52	86. 26
2	26	11. 70	26. 16	16. 21	14. 82	13. 48	82. 37
2	26	12. 92	24. 12	16. 13	14. 18	15. 80	83. 15

Order of					t date of
general merit for aca-	Names	State from which appointed	Date of admission		
demic year				Years	Months
*7	Momm, Albert Otto	Illinois	July 5, 1924	19	3
£237	Monahan, Idris Burke	Wisconsin	July 5, 1923	18	8
223	Moore, Frederick Evans	Pennsylvania	July 23, 1924	20	0
74	Morris, Robert Lee	At large		16	10
98	Mullaney, Baron Joseph	Massachusetts		18	10
57	Mullen, John Felix, jr	Alabama		17	10
220 w	Nash, Nic, jr	Oklahoma Kansas		19 18	9
235	Nelson, John Frederick	do		17	5
178	Nichols, Frank McDougal	Tennessee	Aug. 15, 1924	18	7
180	Nieman, Hugh Roberts, jr	Wisconsin		17	7.
/202	Norgaard, Rollo Niel	South Dakota	July 12, 1924	19	10
V 115	Orf, Harold George	Pennsylvania	July 27, 1923	17	8
V 35	Otis, Maurice Lowell	Wisconsin	July 12, 1923	19	1
149	Otterson, Oscar Lincoln	Pennsylvania	July 8, 1924	18	10
110	Parmelee, Perry Ormiston	Michigan	June 16, 1924	19	8
183	Parsons, William Seavey Peden, Robert Carl	Mississippi	July 5, 1923 July 7, 1924	18	10 10
92 131	Perrine, Pierre Clyde	ArkansasIndiana	July 7, 1924 July 12, 1923	18 18	7
*19	Pettingill, Richard Flavius.	Maine		19	4
231	Phillips, Charles Frederick	Indiana		19	3
x226	Pickens, Madison Dallas	Mississippi		19	2
104	Pierce, John Reeves	At large		17	7
w	Plant, James Calvin	Wisconsin		19	5
/ 141	Pollock, Ernest Edwin	Ohio	June 17, 1924	19	11
wr173	Pond, Reed Kimball	Utah	July 6, 1923	19	3
246	Pope, Earl Hallett	At large	June 18, 1924	17	1
206	Popp, Charles	Indiana	June 19, 1924	18	8
*11	Pye, William Satterlee, jr	At large		16	5
144	Quast, Harry Carleton, jr	Wisconsin		19	1
40	Quilter, Joseph Francis.,	New York		17 20	4 0
*12 212	Quinn, John Raborn, William Francis, jr	TexasOklahoma		19	3
79	Radom, Matthew	Connecticut	July 14, 1923	17	11
112	Ramsay, Francis Munroe	At large		20	0
182	Ransford, Howard Franklin	Iowa	June 27, 1924	18	6
101	Renard, Jack Clayton	Illinois		17	6
√ 85	Rice, James Mitchell	West Virginia	-	17	4
157	Richardson, Harry Wallace	New Jersey	July 6, 1923	19	11
81	Richardson, Ralph William	Pennsylvania		19	1
191	Riggs, J. Clark, jr	Michigan		19	2
213	Rittenhouse, Basil Norris, jr	At large		19	0
153	Sackett, Earl Lewis	Texas		19	10
65	Sands, Lester Bruton Savage, Louis Arthur	Arizona	June 16, 1924 Sept. 2, 1924	19 18	0 11
63	Sayers, Lewis Wetzel, jr	Indiana Pennsylvania		18	9
64	Schaeffer, Max William	do		18	9
39	Schoech, William Alton			19	9
61	Schuber, James Buchanan, jr	Wisconsin		20	0
172	Scott, John Addison	Michigan		18	4
45	Searles, William Marvin	Wisconsin		17	6
*20	Sears, Harry Edward	Pennsylvania	do	17	11
i256	Setzer, Wendell Creager	Missouri		17	6
43	Shinkle, Vincent, 3d	Washington		18	5
124	Simmonds, Thomas Henry	California	do	19	9

first year of their academic course—272 members—June, 1925—Continued

Sea service i ship		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
				Maxin	num		
Months	Days	16	32	20	16	16	100
2	26	14. 68	27. 96	15. 95	14. 80	14. 64	88. 0
5	20	11. 94	20. 44	14. 44	11. 10	15. 56	73. 4
2	26	10. 86	21. 28	13. 35	13. 12	15. 20	74. 2
2	6	13. 66	24. 24	15. 60	12.38	15. 24	81. 1
2	26	12, 58	22. 96	15. 03	14. 06	15. 80	80. 4
2	26	14. 40	22. 92	16. 07	12, 62	15. 84	81. 8
2	26	11. 60	21. 44	13. 63	11.88	15. 72	74. 2
0	00	(a)	(a)	(a)	(a)	15. 68	
2	26	12. 04	21.00	13. 90	11.64	15. 08	73.60
2	26	11.38	21. 24	14.89	13. 86	14. 92	76. 29
2	26	12.42	22. 88	13.82	11. 28	15. 84	76. 2
2	26	13. 54	21.44	13.99	10.86	15.32	75. 18
2	26	12. 08	23. 04	15. 11	13. 74	15. 72	79. 69
2	26	13. 70	23. 24	16. 58	14. 44	15. 68	83. 6
2	26	13. 54	22. 64	14. 58	11.80	15. 40	77. 9
2	26	15. 06	21. 92	14. 75	12. 44	15. 60	79. 7
- 5	20	13. 90	20. 88	14. 92	10. 56	15. 80	76. 00
2	26	14. 42	23. 56	15. 15	12.34	15. 24	80. 7
2	26	14. 22	23. 28	13. 95	12. 26	15. 20	78. 9
2	26	13. 88	24. 72	16. 45	14. 76	15. 64	85. 4.
2	26	12. 78	20. 20	14. 00	11. 50	15. 36	73.8
5	20	11.82	21. 16	15. 06	11. 10	14. 84	73. 98
2	26	12. 80	23. 08	15. 38	13.32	15. 48	80.00
0	00	(a)	(a)	(a)	(a)	15. 84	
2	26	13. 18	21. 12	16. 29	12. 18	15. 60	78. 37
5	20	12. 18	20. 52	15. 89	13.60	14. 44	76. 6
2	26	12. 22	20. 76	14. 39	11.64	13. 84	72. 8
2	26	10. 98	20. 52	14. 95	12. 72	15. 76	74. 9
2	26	13. 32	26. 32	17. 01	14. 94	15. 52	87. 1
5	20	12. 24	22. 24	15. 70	13, 26	14. 80	78. 2
2	26	13. 16	24. 84	15. 44	14. 72	15. 04	83. 20
2	26	13. 58	27. 72	16. 08	1364	16.00	87. 0
2	26	12. 40	21. 44	13. 88	11. 28	15. 56	74. 50
5	20	13. 76	22. 08	16. 83	13. 16	15. 20	81. 0
^2	26	12. 76	24. 68	14. 56	11. 92	15. 84	79. 70
2	4	12. 88	22. 04	14. 87	11. 22	15. 08	76. 0
2	26	14. 56	23. 60	14. 38	12. 18	15. 40	80. 13
2	26	12. 42	24, 36	15. 33	13. 20	15. 56	80. 8
5	20	14. 30	22, 92	14. 23	11. 90	14, 24	77. 59
2	26	11. 46	25. 36	15. 06	13.50	15. 64	81. 05
2	26	11. 84	20. 80	15. 26	12.84	15. 08	75. 85
2	26	10. 82	22. 08	13.88	12.08	15, 68	74. 5
2	26	12.64	21. 72	14. 89	13. 16	15. 40	77. 8
2 2	26	12. 56	25. 52	15. 52	13. 58	14. 20	81, 38
	26	12.00	21. 44	14. 41	10, 62	14. 16	72, 63
5	20	12. 26	24. 88	15. 26	13, 44	15. 72	81, 56
2 2	26	13.06	26. 24	14. 17	12, 52	15. 52	81. 51
	26	14. 02	25. 56	16.05	13. 54	14.04	83. 21
2	16	11. 70	24, 32 22, 12	16.08	15.08	14. 52	81. 70
2 .	26	13. 50	3	14. 50	11.88	14. 64	76. 64
2 2	26	13. 04	25, 96	16.08	12. 70	15.12	82, 90
0	26	13. 22	25. 28	16. 29	14.80	15.68	85. 27
2	00 26	12. 46 11. 90	20. 00 25. 32	13. 54	9.40	15. 80	71. 20
2	26	13. 36	23. 08	15. 55 14. 05	14. 80 13. 18	15. 40 15. 44	82. 97 79. 11

			1	1	
				A ma at	data of
Order of				Age al	t date of dission
general					
merit for	Names	State from which appointed	Date of admission		
aca-		appointed	adimssion		
demic				Voora	Months
year				Years	Months
	01 H	35	10 1004		
78	Slocum, Henry Turner Smith, Charles Russell	Massachusetts	Aug. 13, 1924	20	0
216 163	Smith, Charles Russell	Indiana New York	July 22, 1924	19	6 7
x 186	Smith, Thurmond Augustus	Alabama	July 23, 1924 July 9, 1923	17 18	8
50	Stewart, William Holden, jr	California	July 10, 1923	17	2
26	Stillman, Henry MacDonald	Wisconsin	June 16, 1924	19	3
* *22	Strange, Robert Orris	Kentucky	Sept. 2, 1924	18	8
238	Stringer, Guy Warren	Kansas	Aug. 2, 1924	18	7
241	Tackney, Stephen Noel	New York	June 16, 1924	18	4
118	Taliaferro, Henry Beckwith	Virginia	do	19	11
77	Taylor, Donald Alexander	Pennsylvania	June 19, 1924	19	5
68	Taylor, Kendrick	New Jersey	Sept. 2, 1924	19	1
197	Taylor, William Allen	West Virginia	July 16, 1924	18	2
x175	Thomas, William Dow	Pennsylvania	July 6, 1923	19	3
99	Thompson, Frank Klebart	Massachusetts	June 16, 1924	17	10
55	Thompson, Wells	Oregon	Sept. 6, 1924	17	5
143	Todd, David Wooster, jr	At large	July 6, 1923	18	- 11
1122	Torok, Tibor Theodore	Pennsylvania	July 24, 1924	18	8
/156	Treanor, Vincent de Paul, jr	New York	June 16, 1924	19	6
√ i245½	Trese, Joseph Condon	Michigan	Sept. 2, 1924	20	3
209	Underhill, Jesse Johnson	Massachusetts	June 16, 1924	19	4
186	Urquhart, John Goode	Virginia	do	17	9
201	Van Antwerp, Townsend Scudder	New York	June 18, 1924	18	10
62	Van Meter, Robert	Oklahoma	June 30, 1924	17	5
204	Wagner, Daniel Jacob	Illinois	July 15, 1924	17	2
255	Wakefield, Franklin Webster, jr	Indiana	July 8, 1924	19	3
*13	Wakeman, Philip Fisk	New York	June 16, 1924	18	0
102	Walden, Albert Joseph	California	do	19	4
88	Walden, Arthur St. Clair	Ohio	do	19	6
211	Walker, Hiram Street, jr	Alabama	July 3, 1924	20	0
120	Walsh, William Mason	Pennsylvania	Aug. 22, 1924	18	8
*8	Watts, Charles Robert	Ohio	June 30, 1924	17	11
203	Wear, John Montgomery	Texas	July 7, 1924	18	8
239	Weir, Kenneth Herbert	New York	June 17, 1924	19	3
117	White, John Timothy	do	July 9, 1923	18	5
103	White, Luke Edward	Connecticut	June 19, 1924	17	5
100	Whitney, Donald Gillespie	Nebraska	July 25, 1924	18	0
259	Whittington, Harry Braden	Illinois	Aug. 13, 1924	16	9
148	Wiedemann, Francis Joseph	Massachusetts	July 11, 1923	19	4
h226	Wilkinson, Robert Holden	Florida	July 8, 1924	19	7
188	Williams, John Alton	Connecticut	Aug. 4, 1924	19	2
57	Wine, Chester Cecil	Texas	June 17, 1924	19 18	11 2
162	Winn, Edwin Knapp	Wisconsin	Aug. 15, 1924		- 1
160	Wood, George Donald	Illinois	Aug. 13, 1924	19 18	0
193	Wood, Robert Winthrop	At large Massachusetts	June 18, 1924	18	10
p 234 208	Woodward, John Reid	Tennessee	July 10, 1923 June 17, 1924	18	10
214	Wotton, Albert Harry	Illinois	June 24, 1924	19	10
170	Wyatt, Joe Earle	South Carolina	Sept. 4, 1923	17	8
152	Young, Edwin James Stephens	At large	July 17, 1924	. 18	6
30	Zabilsky, John	Rhode Island	July 2, 1924	19	0
48	Zook, Hurley McCune	Missouri	July 9, 1923	17	10
	,		0, 1020		•

first year of their academic course—272 members—June, 1925—Continued

Sea service i ship	n practice os	Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregat first yea
				Maxin	num		
Months	Days	16	32	20	16	16	100
2	26	12.66	23. 88	15. 46	13.48	15. 56	81.
2	26	12.86	21. 92	12. 91	12.40	14. 36	74.
2	26	10.82	22, 48	15. 11	12. 76	16.00	77.
5	20	12. 94	21. 68	14. 59	11.68	15. 04	75.
5 2	20	13.14	23. 24	16.51	13.96	15. 52	82.
2	26 26	13. 40 12. 88	25. 40 26. 84	16. 19 15. 07	14. 08 14. 34	15. 56 15. 88	84. 85.
2	26	12. 84	20. 76	14. 29	10. 84	14. 68	73.
2	26	10, 76	21, 28	14. 12	12, 44	14. 72	73.
2	26	12. 32	23. 08	15.04	13, 28	15. 64	79.
2	26	14. 30	23. 68	15. 61	12.74	14.76	81.
2	26	13.00	24. 40	15. 11	12.86	15. 84	81.
2	4	11.00	22, 24	14. 79	12, 24	15, 12	75.
5	20	13. 06	21.80	14. 29	11. 44	15. 84	76.
2	26	12, 56	23. 52	15. 27	13. 94	15. 04	80.
2	26	13. 16	25. 04	15.08	13.78	15.00	82.
5	20	12.34	22. 32	16. 61	12.64	15. 84	79.
2	26	13.58	24, 12	14. 29	11. 78	15. 36	79.
2	26	13.98	22. 84	14. 36	12. 20	14. 28	77.
2 2	26 26	12. 94 11. 40	19. 56 21. 48	14. 27 14. 29	10.66	15. 68	73
2	26	10. 16	21, 48	16. 39	12, 20 13, 18	. 15, 44 14, 36	74 75
2	26	12, 70	21. 44	13. 79	11. 54	15. 76	75.
2	26	14, 24	26, 20	14. 33	12.00	14. 92	81
2	26	12, 16	22. 08	13.98	11. 44	15. 40	75
2	26	10, 82	20, 76	13, 71	11, 26	14. 68	71
2	26	14. 02	27. 12	15. 24	14. 54	15. 64	86
. 2	26	12. 20	23. 84	15. 11	13. 30	15. 64	80
2	26	12. 54	24. 28	15. 44	13, 16	15. 40	80
2	26	12. 64	22.12	13. 17	11.76	14. 92	74
2	26	11. 60	23. 72	15. 70	12.88	15. 40	79
2	26	13. 08	27. 16	17. 15	14. 68	15. 76	87
2	26	10. 74	21. 64	15. 93	12. 12	14. 68	75
2	26	12, 94	19. 72	13, 62	11. 20	15. 88	73
5 2	20	13. 34	22. 96	15.76	12.84	14.76	79
2 2	26 26	12. 62 13. 72	23, 20 23, 68	16. 02 15. 42	13. 92 11. 66	14. 32	80
2 2	26	10. 32	20. 96	15. 42	11. 00	15. 72 15. 28	70
2 2	26	13.00	20. 90	14. 59	13. 98	13. 96	78
2	26	11. 80	19.08	14. 92	12, 62	15. 56	73
2	26	11. 74	22. 16	14, 32	12, 12	15. 52	75
2	26	12. 20	24. 24	15, 13	15. 00	15. 28	81
2	26	13. 34	21. 88	14. 83	11. 84	15. 32	77
2	26	13.36	21. 88	15.82	11. 42	14.84	77
2	26	12.06	21. 20	14. 64	12.70	15. 12	75
5	20	11. 20	20. 92	13. 81	13. 02	14. 76	73
2	26	10. 10	21. 24	15. 48	12.72	15. 32	74
2	26	11. 16	20. 72	13. 77	12. 96	15. 88	74
2	26	12. 52	23.00	14. 04	11. 54	15. 64	76
2	26	12. 02	21. 76	15. 13	13. 52	15. 40	77
2	26	13. 24	24. 64	16. 34	14.96	14. 96	84
2	26	13. 96	24. 36	15. 41	13. 30	15. 76	82

Midshipmen of the fourth class (class of 1929)—409 members [Letters in italics used opposite names in the following list refer to footnotes at bottom of list only]

			dat	e at e of ission
Names	Appointed from—	Date of admission		- o
either class of '30		-	Years	Months
Adair, Fineus Albert	Kansas	June 15, 1925	20	0
Adams, Carlton Rolla	North Carolina	June 22, 1925	17	3
Adamson, Frank Marshall		June 25, 1925	18	4
Akin, Harvey Davidson		June 23, 1925	17	10
Allen, William Carlton		June 16, 1925	18	7
Anderson, Peyton Tooke, jr		June 15, 1925	18	2
Anderson, Samuel Clay		June 22, 1925	18	4
Andrews, John, jr., b		Sept. 1, 1925	20	0
Appleton, Samuel		June 17, 1925	18	8
Armstrong, William Davis		June 16, 1925	19	11
Arthur, William Samuel		June 15, 1925	18	4
Arwine, John S., 3d.		June 16, 1925	18	4
Ashford, George Woodson		July 1, 1925	17	4
Ashworth, Edward Thorndike		June 22, 1925	17	11
Ater, Leroy Earl		June 15, 1925	19	9
Atwood, Myron Jake		do	19	4
Bacher, Edward Johnson		June 25, 1925	16	10
Badger, George Manville		Aug. 14, 1925	19	8
Baird, Lincoln		June 16, 1925	17	11
Baldauf, Laurence Charles		do	19	8
Ballinger, Richard Robert		June 15, 1925	18	9
			20	1
Balthis, George Randolph Banks, Henry King, jr		July 1, 1925 June 16, 1925	19	2
Barnes, Seth Stevens		June 29, 1925	18	6
		June 16, 1925	19	1
Beardsley, George Francis		June 25, 1925	17	8
, , ,		,	19	0
Benham, William Hannibal		June 29, 1925	18	6
Benson, Roy Stanley		June 16, 1925	20	1
Bergstrom, William Carl	_	June 17, 1925		6
Berkman, Oliver Thurston b	•	Aug. 31, 1925	19	11
Bermingham, John Michael		June 16, 1925	19	2
Bernet, Howard Cavender		do	17	
Berzowski, Joseph		do	18	3
Blanchard, Carroll Mason		June 30, 1925	18	$\frac{4}{2}$
Blocksom, Roland Daly		June 24, 1925	19	
Bond, Awtry Lawrence		June 27, 1925	19	7
Bouchard, Irvine Henry		July 30, 1925	18	10
Bourgeois, Aubrey Joseph		June 17, 1925	17	6
Boyd, Alston Maury, jr.		June 16, 1925	19	5
Bradish, John Alonzo		do	19	2
Brandley, Frank Albin		July 11, 1925	19	11
Brewer, Alfred Norward, jr		June 16, 1925	18	11
Brewster, Willits Alden		June 27, 1925	18	9
Briant, Granville Charles		June 17, 1925	18	10
Britt, Jacob William	Alaska	June 19, 1925	20	2

			Age dat admi	e at e of ssion
Names	Appointed from—	Date of admission	Years	Months
Brown, Melvin George	Ohio	June 15, 1925	19	5
Brown, Robert Eugene	Idaho	June 16, 1925	17	2
Brown, Winston Seaborn	Georgia	July 3, 1925	16	8
Brownlee, Robert Carson, 2d	New York	July 21, 1925	18	2
Brunton, Charles Edward	California	July 15, 1925	19	3
Bryson, William Franklyn	Illinois	June 17, 1925	19	10
Buckalew, William Dorsey	Alabama	June 15, 1925	18	4
Bunker, Harris Franklin	Porto Rico	June 29, 1925	19	7
Burke, Edward Joseph	Pennsylvania	June 18, 1925	17	8
Burton, Ted George	California	June 15, 1925	19	5
Bush, Burl Heber b	Pennsylvania	Aug. 31, 1925	18	8
Bush, Donald Porter	Wyoming	June 17, 1925	18	6
Butler, Edward Francis	New York	June 25, 1925	16	3
Butts, Whitmore Spencer	West Virginia	June 17, 1925	18	5
Caillouet, Jean Louis, jr	Louisiana	June 16, 1925	17	5
Canning, William Myles	North Dakota	June 17, 1925	18	2
Canty, Joseph Patrick	Illinois	Aug. 12, 1925	18	11
Carlson, Daniel	Washington	June 15, 1925	19	8
Carlson, Loyal Christian	Colorado	June 18, 1925	18	2
Carmichael, George Kennedy	North Carolina	June 16, 1925	18	8
Carver, Lamar Peyton	Minnesota	do	17	3
Cashman, William Arthur	New York	do	18	2
Charneco, Carlos Mario	Porto Rico	do	19	5
Christie, Carl Guilford	Missouri	do	18	8
Clark, Robert Emmett, jr	California	June 15, 1925	19	3
Clark, Robert Nicholson Scott		do	18	5
Clarke, Jack Davies	Kansas	do	19	5
Clegg, Ernest Calvert tb	New York	June 16, 1924	19	8
Clithero, Wendell Antone	Nebraska	June 27, 1925	18	9
Coe, Benjamin	Illinois	June 17, 1925	18	7
Coffin, Harry Nelson	Maine	July 2, 1925	19	3
Coleman, William Francis	Pennsylvania	June 16, 1925	17	4
Collett, John Austin	Nebraska	do	17	3
Collins, Ernest Clifford		June 15, 1925	19	4
Cone, Gordon	Ohio	June 17, 1925	20	1
Cone, Henry Shipman	Arkansas	June 18, 1925	20	1
Conklin, Alton Irvin	lowa	do	19	10
Conley, Edwin Gus	1	June 16, 1925	19	6
Conley, Thomas John		June 15, 1925	18	0
Connell, Robert Joseph		June 16, 1925	18	7
Conner, Ray Russell		June 18, 1925	20	2
Couhig, Clinton Caldwell		June 29, 1925	18	2
Cramer, John Fremont		June 17, 1925	19	5
Crichton, Charles Helmick		June 27, 1925	18	9
Crist, Raymond Fowler, jr	New York	June 18, 1925	17	1

				Ago dat admi	e at e of ssion
	Names	Appointed from—	Date of admission	Years	Months
	Curry, Manly Lamar	Georgia	June 16, 1925	20	1
	Cushing, Dana Buckley	Massachusetts	July 3, 1925	17	4
	Dally, Ruel Stuart	Minnesota	Aug. 12, 1925	19	8
	Dalton, Donald Henry b	Illinois	Aug. 31, 1925	20	0
	Darnell, William Irvin	Oklahoma	June 15, 1925	18	7
	D'Avi, Joseph Arthur	New York	June 29, 1925	17	11
	Davidson, John Frederick	Pennsylvania	June 17, 1925	17	1
	Davis, Royce Purinton	Maine	June 30, 1925	18	8
	Davison, John Walter	Massachusetts	June 16, 1925	17	3
1	Davison, Thurlow Weed	New York	do	19	5
	Dealey, Samuel David	Texas	June 27, 1925	18	9
	De Han, Purcell	Connecticut	June 17, 1925	19	11
	Deiter, George Hedwig	Wisconsin	June 20, 1925	18	5
	Denbo, Robert Wayne	Indiana	June 16, 1925	18	10
	Denham, Walter Sam	Tennessee	June 19, 1925	18	11
	Dennett, Erle Van Emburgh	New Jersey	June 22, 1925	17	0
N. S.	Denty, Samuel Leer	do	June 16, 1925	19	11
F	Deputy, Nathan Orval	Missouri	do	20	0
	Dickinson, Milton Carey	Alabama	do	19	8
	Dodson, Edwin Neil	do	June 17, 1925	19	10
/	Doehring, Alfred Ernst	Wisconsin	June 16, 1925	19	1
1	Dowling, Dean Berrow	Alabama	June 18, 1925	19	6
	Drane, William McClure	Tennessee	June 26, 1925	18	9
	Duborg, Francis Rahr	Nevada	June 23, 1925	17	11
	Duffy, Leonard Vincent	Illinois	Sept. 14, 1925	19	0
	Duval, Joseph Berwick, jr	Louisiana	June 24, 1925	17	ő
	Duvall, Gordon Franklin	California	July 8, 1925	19	0
	Dye, Williston Lamar	At large	June 15, 1925	19	2
	Dyer, Edward Colston	Maryland	June 16, 1925	18	5
	Earl, Elliott	Massachusetts	do	20	0
	Easton, William Thomas b	California	Aug. 26, 1925	20	2
1	Edgerton, Everett William	South Carolina	June 16, 1925	16	11
•	Eller, Donald Temple	Virginia		18	11
	Ely, Chester Dodge	At large		19	0
	Enis, Thalbert Wright	Mississippi	June 16, 1925	19	6
	Epps, William Bunyon	Georgia	June 22, 1925	17	6
	Farmer, William Howard	Illinois	June 16, 1925	18	9
	Farrin, James Moore, jr	Louisiana	June 17, 1925	16	11
	Fenton, Charles Rudolph	Maryland	June 29, 1925	18	2
	Ferrier, David Tweed	Missouri	June 16, 1925	19	ō
L	Fiore, Anthony	New York	June 17, 1925	19	4
-	Fitzgerald, Charles Tuckerman	Arkansas	do	19	2
	Flatley, James Henry, jr	Wisconsin	June 22, 1925	19	0
	Foley, James Louis	California	June 24, 1925	19	3
	Foley, Paul, jr	South Carolina	July 15, 1925	16	10
				10	

Midshipmen of the fourth class (class of 1929)—409 members—Continued

			Age dat admi	e of
Names	Appointed from—	Date of admission	Years	Months
Ford, William Everett	Texas	June 16, 1925	18	10
Foster, Walter Manly	Alabama	June 15, 1925	19	11
Fowler, Willard Emmett	Nebraska	June 18, 1925	18	3
Fox, Leonard Oron	Oregon	July 10, 1925	19	11
Frank, Joseph Albert	Washington	June 16, 1925	18	8
Frank, Nickolas John Frederick, jr.	Michigan	June 22, 1925	16	8
Frankel, Samuel Benjamin	New York	June 17, 1925	19	11
Freeberg, Sidney Arthur	Minnesota	July 22, 1925	18	8
Friess, Edward William r	New York	June 15, 1925	19	10
Furtney, George William b	Missouri	Aug. 31, 1925	19	0
Galbraith, William Jackson $b_{}$	Tennessee	do	19	0
Garland, Guy Puett	Oklahoma	June 15, 1925	18	5
Garner, Howard Robert	Kentucky	June 16, 1925	20	2
Garrett, Kenneth Howard	Utah	July 15, 1925	19	0
Gaston, Erskine Alton	Louisiana	June 16, 1925	19	8
Gates, William Shinn	Pennsylvania	June 22, 1925	18	4
Geary, Jerome Pendleton	At large	June 16, 1925	18	4
Giese, Carl Emil	Wisconsin	July 13, 1925	19	9
Gill, William Coupar	Virginia	June 17, 1925	20	2
Gray, Allan McLeod	Missouri	June 16, 1925	20	2
Greenamyer, Lloyd Keyes	Michigan	June 29, 1925	18	8
Greene, Elbert Hinish	Oregon	June 16, 1925	18	2
Greenslade, Robert Wills	Massachusetts	June 15, 1925	18	7
Griffith, Samuel Blair, 2d	Pennsylvania	June 18, 1925	19	0
Haile, John Robinson	Texas	June 15, 1925	19	2
Hall, Finley Elliot	Mississippi	June 16, 1925	19	5
Hannon, Edward Robert	Illinois	June 15, 1925	19	2
Hardin, James Thomas	Texas	June 16, 1925	20	0
Harker, Henry Gordon b	Colorado	Aug. 31, 1925	19	7
Harrison, Louis Albert, jr	Missouri	June 15, 1925	19	9
Hart, Russell Armour	Pennsylvania	June 22, 1925	18	5
Hastings, William Thomas, jr	New York	July 6, 1925	18	7
Heinlein, Robert Anson	Missouri	June 16, 1925	17	11
Helwig, Donald Ellsworth	Iowa	June 26, 1925	19	3
Hezlep, James McBurney		June 16, 1925	19	5
Hiemenz, Herbert John	Minnesota	July 3, 1925	18	2 11
Hill, Arthur Sinclair	Pennsylvania	June 17, 1925	17	
Hinman, Maurice Blackwell	Montana	Sept. 8, 1925	17	8
Hoffman, Ludwig Carl	Michigan		19	9
Hoffmann, Ludwig Carl Hogle, Reynold Delos	New York Texas		18 19	1
	Delaware	June 25, 1925	19	1
Holzmueller, James Gilchrist Hood, Alexander Haldeman				8
Howerton, Charles Cabaness	Pennsylvania Texas	June 18, 1925	18 18	1
Huelskamp, Wilfred James		Aug. 25, 1925 June 16, 1925	19	2
rideiskamp, winred James	Willinesota	June 10, 1925	19	2

			dat	e at e of ission
Names	Appointed from—	Date of admission	Years	Months
Huff, Gerald Lewis	Illinois	June 15, 1925	19	4
Hughes, James Potter		June 18, 1925	19	6
Humphrey, Pat List	Missouri	June 22, 1925	17	1
Hunt, Richard Coulter Drum, jr.	Pennsylvania	June 17, 1925	17	11
Hunt, Richard William, jr	-	June 16, 1925	17	10
Hutchins, Edward Francis		July 2, 1925	18	0
Hutchison, Charles Kenneth	Washington	June 22, 1925	18	1
Jackson, John Franklin	_	June 16, 1925	18	8
/ Jackson, Roy		June 15, 1925	19	10
Jackson, Wendell Cleves		Aug. 18, 1925	18	9
James, Kenneth Van Valkenburg		June 17, 1925	16	5
Janney, Samuel Abijah b		Aug. 31, 1925	18	9
Jasinski, Stanley Stephen		Aug. 28, 1925	19	0
Jennings, Zack David		June 27, 1925	18	10
Johansen, Gustave Norman		Aug. 8, 1925	20	3
Johnson, Burgh Smith		June 16, 1925	18	6
Johnson, Carl Arthur		,	18	11
Johnson, Chandler Wilce		June 17, 1925	19	8
Johnson, Everett Royal			16	9
Johnson, Francis Joseph		June 19, 1925	18	4
Johnson, Glenn Wilbur		June 25, 1925	18	4
Johnson, Roy Lee		June 15, 1925	19	2
Jones, Harold Bondurant	1	June 27, 1925	19	6
Jones, John William		Aug. 18, 1925	19	0
Jones, Loyd Hoadley		June 17, 1925	19	11
Jordan, Francis Dixon		Aug. 17, 1925	19	2
Junghans, Earl Austin		July 3, 1925	18	$\frac{1}{2}$
Kabler, William Leverette		June 22, 1925	16	9
Karrer, Harold Edward		June 18, 1925	19	6
Keatley, John Hancock		June 15, 1925	17	7
Keeler, Frederic Seward		do	19	4
Kellogg, Gordon Harrington		June 17, 1925	19	5
Kennedy, Cecil Wright			19	1:1
Kennedy, Marvin Granville $b_{}$		Aug. 31, 1925	19	11
Kent, Thomas Everett, jr		July 11, 1925	16	11
Keyes, Raymond Stedman, jr		July 15, 1925	17	7
Kirk, Oliver Grafton		June 19, 1925	17	9
Knight, John Broadus, jr	South Carolina	June 16, 1925	18	8
Knotts, Donald Edwin		June 18, 1925	19	11
Kohr, George Lester		June 17, 1925	18	2
Kruppenbacher, Arthur John		do	19	10
Kuhlman, Clarence Eugene		June 16, 1925	17	11
Kuhn, Frederick William		June 17, 1925	17	4
Lake, James Bushrod, jr		June 15, 1925	18	0
Lake, Richard Cross		June 16, 1925	18	11
Lane, Arthur Amidon		June 17, 1925	19	5

Midshipmen of the fourth class (class of 1929)—409 members—Continued

			Ag dat adm	e at te of ission
Names	Appointed from—	Date of admission	Years	Months
Lang, Harry Cox	New Jersey	July 14, 1925	19	11
Laning, Caleb Barrett		Aug. 10, 1925	19	4
Leavitt, Richard Brooks		June 16, 1925	18	4
Ledbetter, Otho Christopher	_ California	Aug. 12, 1925	19	10
Levenson, Herbert		June 17, 1925	16	8
Lewis, Francis Byron		June 15, 1925	20	0
Lewis, Frederick Worthington, jr		June 22, 1925	19	8
Lidstone, Nicholas Adair		July 1, 1925	19	7
Lincoln, Samuel Ankeney, jr	_ Iowa	June 15, 1925	19	1
Lippert, Frederick George			17	2
Lloyd, Russell	New Jersey		19	4
Long, Raymond Franklin	Oklahoma	June 29, 1925	19	0
Loomis, Almon Ellsworth			18	9
Lucas, Albert Davis			18	2
Luckenbach, Orville Simon	Wisconsin	June 22, 1925	17	5
Lynch, Grevirson Davis	Pennsylvania	June 17, 1925	18	2
Lynch, Ralph Clinton, jr	New York	June 16, 1925	17	5
MacFarlane, Harold Archibald_	Massachusetts	June 22, 1925	17	9
MacKay, Hugh Trent	Kentucky	do	17	5
Mains, MacDonald Pound	New York	Aug. 14, 1925	19	8
Makely, Metrah Underwood	North Carolina	June 22, 1925	17	9
Manwaring, Edward Wharton		June 17, 1925	19	1
Marcy, Clayton Clifton		June 22, 1925	19	5
Martin, Edwin Prather		June 17, 1925	18	5
Martin, Melvin Micajah		June 27, 1925	16	8
Matsen, Robert		June 22, 1925	17	11
Mattie, Dominic Lewis		June 15, 1925	19	9
McAlpin, John Volney, jr		June 16, 1925	16	9
McCauley, Clayton Chot	Texas	June 26, 1925	18	1
McClure, William Howard		June 16, 1925	19	4
McCoy, Robert Bruce		do	19	3
McElroy, John Harper			18	0
McGinnis, Robert DeVore			18	1
McGregor, Rob Roy		June 16, 1925	18	4
McIntyre, Lee Emerson		,	19	3.
McKillop, Harry Alan	Michigan		19	0
McLaughlin, Robert Enoch		June 17, 1925	18	4
McRoberts, Henry Johnston		July 18, 1925	18	2
Meeker, Charles Alton		July 8, 1925	20	3
Miller, Adolph Jerome		June 15, 1925	20	2
Miller, Clair LeMoine	Indiana	June 17, 1925	18	2
Miller, Cleaveland Fenner		June 16, 1925	17	11
Mills, James Herve, jr	Oregon	do	19	$\frac{2}{1}$
M(24-1, 11 TA 1 TA 21 *	NT X7 1	1 1	10	
Mitchell, Frank Paull, jr		July 6, 1925	19 17	4

			dat	e at e of
Names	Appointed from—	Date of admission	Years	Months
Morgan, Charles Claude	Texas	June 23, 1925	17	7
Morgan, James Benjamin	Virginia	June 22, 1925	19	5
Morse, Leonard Townsend	Massachusetts	June 23, 1925	17	4
Murray, Homer Carr	Mississippi	d)	19	3
Nash, Herbert	California	June 15, 1925	19	0
Nelson, Albert Maitland	Pennsylvania	June 16, 1925	18	11
Nelson, Hugo Adolphus tb	Kansas	Aug. 19, 1924	18	6
Nelson, Paul John	Massachusetts	June 17, 1925	19	9
Nielsen, Harold	Rhode Island	June 22, 1925	19	8
Niles, Ralph Jerome	Minnesota	June 16, 1925	18	3
Novak, Frank	New Jersey	do	18	6
O'Connor, John Francis	Rhode Island	do	18	10
O'Donnell, Edward Joseph	Massachusetts	June 18, 1925	18	2
Oliver, William	Maine	June 16, 1925	18	3
Ordway, Earl Edward	Kansas	June 15, 1925	19	9
Osborn, Philip Ransom			18	8
	Missouri	Aug. 11, 1925		
Parish, Elliott Walter, jr	Georgia	June 16, 1925	18	8
Parramore, Herman William	do	do	18	11
Parun, Bernard	Louisiana	June 17, 1925	19	1
Patrick, Goldsborough Serpell	At large	June 22, 1925	18	2
Patteson, Elder	Tennessee	June 17, 1925	19	5
Pattie, Barton Duvall b	Virginia	Aug. 31, 1925	19	2
Pennewill, William Ellison	Delaware	June 18, 1925	18	4
Pennington, Dale Kelsey	Kansas	June 17, 1925	19	11
Perkins, Albert Carson	Idaho	June 15, 1925	20	0
Perreault, Seraphin Bach	Kansas	June 17, 1925	17	10
Persons, Henry Stanford, jr	Alabama	do	18	6
Peterson, Carl Arthur	Connecticut	June 15, 1925	16	9
Piddock, Charles Albert	Vermont	June 24, 1925	16	5
Pinard, Albert Francis b	South Dakota	Aug. 31, 1925	19	11
Plant, James Calvin tb	Wisconsin	July 14, 1924	19	5
Porter, Sidney Frete	Georgia	June 17, 1925	19	8
Powell, Thomas Bishop	Arkansas	June 16, 1925	17	7
Prause, Jack Hamilton	California	June 15, 1925	19	4
Price, Thomas Davis	Minnesota	do	18	4
Pryor, Knight	At large	do	17	0
Pugh, Orwin Hadley	Illinois		19	4
Raby, John	Michigan		17	8
Radford, Francis Manson	Pennsylvania	June 17, 1925	17	-0
Ramsbotham, Robert Joynson	New Jersey	July 6, 1925	16	3
Ray, Herman Lamar	Mississippi	June 16, 1925	17	6
Ray, John Russell	Indiana	June 15, 1925	19	2
Rembert, John Patrick, jr	Texas	June 22, 1925	17	8
Renwick, Donald Allan	Kansas	June 17, 1925	20	0
Resch, Robert Jacob	Ohio	June 18, 1925	18	0
Richardson, Leslie Edward	Colorado	June 15, 1925	19	10

			Age dat admi	e at e of ssion
Names	Appointed from—	Date of admission	Years	Months
Richter, William Julius	Wisconsin	June 19, 1925	20	0
Ricketts, Claude Vernon	Kansas	Aug. 28, 1925	19	6
Rigby, Joe Cartwright	Texas	June 18, 1925	19	8
Roberts, Clyde Cameron	Minnesota	June 15, 1925	20	1
Roberts, Deane Carroll	Oklahoma	do	19	1
Roberts, William Marshall	Florida	June 17, 1925	19	9
Roche, Raymund Joseph	Massachusetts	June 16, 1925	19	11
Rodimon, Warner Scott	do	June 17, 1925	17	9
Roethke, William Carl	Michigan	July 24, 1925	17	11 -
Rogers, Charlton Bernard, 3d	Tennessee	June 16, 1925	18	2
Rooney, Roderick Shanahan	New York	June 17, 1925	16	8
Roth, Egbert Adolph	North Dakota	June 16, 1925	19	6
Roughton, Emery	Ohio	June 17, 1925	18	10
Ruff, Lawrence Ernest	New York	June 29, 1925	19	11
Salsbury, Charles Baker	North Carolina	June 22, 1925	19	5
Sams, Eldon Ludell	Nebraska	do	18	4
Saul, William Burl	Ohio	June 17, 1925	18	11
Schreiber, Earl Tobias	Pennsylvania	June 27, 1925	18	3
Schwable, Frank Hawse	At large	June 15, 1925	16	11
Sharp, George Arthur	Connecticut	do	19	3
Sharp, Raymond Neil	Tennessee		19	3
Shute, Corben Clark	At large		18	3
Simpler, Leroy Coard	Delaware		19	11
Simpson, Harrison Hudson, jr	Idaho	do	17	6
Smith, Charles Franklin	Massachusetts	June 22, 1925	19	11
Smith, Francis Stephens	Alaska	July 24, 1925	19	10
Smith, Stephen Butz	Pennsylvania	June 16, 1925	19	3
St. Angelo, Augustus Robert	Rhode Island	July 6, 1925	17	10
Stayer, Edgar	Louisiana	June 15, 1925	18	11
Stephan, Edward Clark	Minnesota	June 29, 1925	18	1
Stephens, Frank Briscoe	Illinois	July 21, 1925	19	6
Stewart, Claude Weaver	Oklahoma	June 15, 1925	17	1
Stewart, Richard Chandler	Missouri	do	18	5 1
Stilles, Arthur Gwatkin, jr	Alabama Wisconsin	June 17, 1925	17 18	6
Stillman, Donald Frederick	Maryland	July 11, 1925 June 20, 1925	19	7
Stone, John KingStone, Lowell Thornton	Minnesota	July 10, 1925	18	8
Stovall, William Shirley, jr	Mississippi	June 17, 1925	17	7
Strahorn, Albert Wesley	Delaware	June 15, 1925	19	6
Strong, Stanley Carter	Minnesota	June 16, 1925	20	1
Sullivan, Raymond Brooks, jr	Colorado	June 15, 1925	18	7
Teague, Elwood Andrew	California	June 16, 1925	17	6
Tedeschi, Anthony	Rhode Island	do	19	7
Thornhill, Thomas James, jr	Texas	June 15, 1925	20	2
Todd, Donald Whiley	At large	July 31, 1925	18	10
Tolley, Kemp	Maryland	June 16, 1925	17	2

Midshipmen of the fourth class (class of 1929)-409 members-Continued

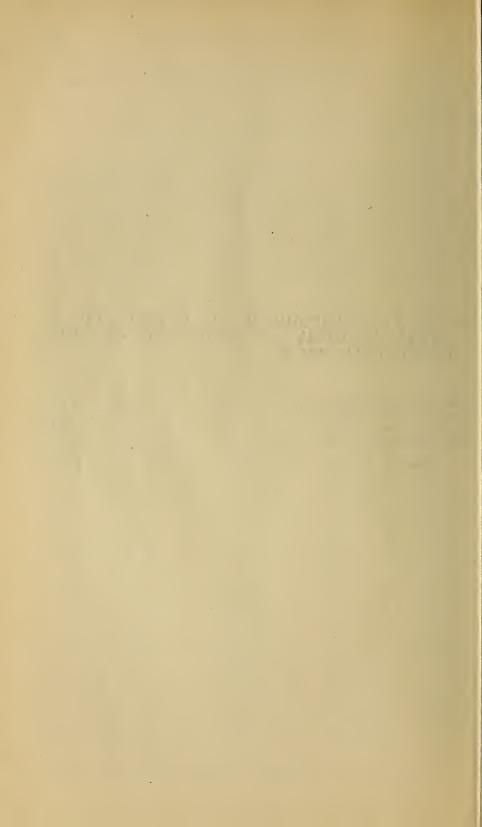
			Ag dat adm	e at te of ission
Names -	Appointed from—	Date of admission	Years	Months
Trescott, Charles Edward	Ohio	June 17, 1925	18	8
Triebel, Charles Otto		June 16, 1925	17	7
Twohy, Henry Bell		June 30, 1925	18	2
Tyler, Lewis Richard	Kansas	June 22, 1925	19	7
Valentine, Harold Fisher	Kentucky	June 23, 1925	18	9
Van Leuven, Kermit	Oklahoma	June 22, 1925	17	7
Van Voorhis, Bruce Avery		June 17, 1925	17	5
Visser, Richard Gerben	Massachusetts	July 11, 1925	18	. 8
Wait, Delos Edwin		June 17, 1925	19	7
Waldo, Benjamin Taylor, jr		do	17	8
Wales, George Herrick		June 29, 1925	16	6
Walker, Calvin Alexander, jr		Aug. 3, 1925	19	3
Walker, Philip Andrew		June 16, 1925	17	11
Waltermire, William Glen		June 17, 1925	18	8
Ward, Philip Henry		June 15, 1925	20	1
Warfield, Charles Dorsey		June 16, 1925	19	2
Waterhouse, Jacob Wilson		do	18	10
Watson, William Henry	Florida	June 24, 1925	17	7
Weakley, Charles Enright		June 16, 1925	19	0
Webster, John Bartholomew		June 15, 1925	18	8
Wegley, Frederick Lyle		June 18, 1925	20	1
Weiss, Donald Frederick	Massachusetts	July 9, 1925	18	11
Welsh, David James	New York	June 17, 1925	19	10
Wensel, Albert Lee		June 16, 1925	19	7
Westropp, Harold Patrick		June 20, 1925	20	2
Wheeler, Lon Elliott	Nebraska	June 15, 1925	20	1
Wheeler, William Elza	Illinois	June 22, 1925	20	1
White, Albert Francis	New Jersey	June 17, 1925	18	9
White, Morriss Ezelle		June 15, 1925	18	10
White, William Waldron		June 18, 1925	16	8
Whitener, Adolph "H"	do	June 17, 1925	20	1
Wilkinson, Robert Holden tb	Florida	July 8, 1924	19	7
Wilson, Calvert Statham	North Carolina	June 15, 1925	19	2
Wilson, Thomas Payne	Illinois	June 22, 1925	17	8
Wilson, Thomas Rex	Michigan	do	17	1
Windram, John Edward	Arizona	June 16, 1925	19	7
Woerner, Paul Leslie	Pennsylvania	do	19	9
Wolfe, Eldon Edwin	Tennessee	June 17, 1925	19	3
Wolfe, Richard Russell	Missouri	June 15, 1925	18	2
Worcester, John		July 9, 1925	16	11
Wyatt, Mathis Beally	South Carolina	June 17, 1925	17	8
Wynter, Harry Alexander	Oregon	June 15, 1925	18	6
Yoho, John Richard	do	June 25, 1925	16	9
Zimmerman, John David	Ohio	Aug. 3, 1925	19	7

^b Readmitted date given is date of readmission. ^r Resigned. th Turned back from class of 1928.

SUMMARY OF MIDSHIPMEN AT UNITED STATES NAVAL ACADEMY AT BEGINNING OF ACA-DEMIC YEAR 1925–26

First class (class of 1926)	463
Second class (class of 1927)	619
Third class (class of 1928)	264
Fourth class (class of 1929)	409
· _	
Total	1.755
117	

117



APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.

October 1, 1924, to October 1, 1925

Members of the class of 1925 (graduated June 4, 1925) appointed ensigns

[Arranged in order of merit for the completed course. Read first column, then second, etc.]

Hubbard, H. E. Burkhead, L. H. Collins, C. J. Landers, W. N. Benson, W. H. Wright, F. B. Goodwin, E. S. L. Sides, J. H. Anderson, C. H., jr. Ross, D. A. Grimes, C. G. Moore, C. H. Straub, W. C. Madsen, H. V. B. Marshall, W. J. Long, V. D. Crommelin, H. Robinson, J. M. Stubbs, D. Sledge, A. Todd, G. L. Pyne, S. N. Harlow, J. B. Creasor, P. S. Edmundson, E. H. Mason, R. Tucker, D. P. McMurtrey, T. B. Loomis, F. K. Murphy, J. W., jr. Peterson, M. R. Adams, R. L. Parker, E. N. Goldenson, D. Eller, E. M. Wallace, L.

Voge, R. G.

Dyer, R. L.

Hoag, L. F.

Hord, P. W.

Sihler, W.

Brown, T. M.

McGirr, W. P.

Seabury, C. C. Pickton, W. H. Wheelock, A. W. Lent, W. A. Moseley, S. P. Trainer, H. G. Walker, E. K. Purmort, G. L. Larkin, R. A. McAdam, S. T., jr. Taylor, E. B. Compton, P. D. Beers, W. H., jr. Eaton, W. A. Long, J. H. Hartzell, P. A. Weston, L. T. Melgaard, J. L. Bains, G. W. Cronin, R. E. Smith, J. S., jr. Buerkle, E. C. Sullivan, E. D. McDaniel, C. De M. Warder, F. B. Tullsen, W. Harcourt, S. H. Thomas, F. J. Lind, W. G. H. Hull, D. R. Spiller, J. H. Thomas, T. C. Stryker, J. W. Powell, M. A. Gill, C. B. Paro, E. E. Howard, W. B., jr. Charlson, J. A., jr. Hammond, S. A., jr. Elliott, R. E. Phillips, G. L. McNally, J. A.

Gibson, P. F., jr.

van Nagell, J. R. Dunlop, M. G. Latrobe, W. C. Brennan, J. W. Billing, F. C. Slaven, F. W. Kellev, B. D. Karns, F. D., jr. Mumma, M. C., jr. Miller, C. F. Hurt, D. A. Smith, S. P. Clark, J. R. Blakeslee, H. W. Wanglin, B. C., jr. Rorschach, A. L. Smith, C. C. Wright, G. C. Tyree, D. M. Lyon, H. N. Dahlke, H. O. Lanston, A. G. Allgood, D. M. Gibbs, R. H. Colborn, W. B. von Kleeck, E. St. C., jr. Day, De V. L. Newton, W. S. Champlin, J. S. Nellis, R. E. Cowie, T. R. Ray, C. C. Miller, James M. Haugen, C. E. Jackson, A., jr. O'Neil, C. H. Smith, Rodmon D. Dillavou, C. A. Goulett, W. B. Parks, L. S. Bell, H. B., jr. Beard, D. C. Dawson, K. V.

Charles, R. W. Miller, Lermond H. Sigel, C. H. Putnam, W. H. Kramer, A. D. Pound, H. C. Nickerson, R. B. Goodney, W. K. Tweedy, E. Timberlake, F. S. Munroe, F. A., jr. Ludewig, J. W. Blue, J. S. Van Metre, M. Gingras, R. H. Knowles, J. P. Reamy, T. G. Williams, K. Fee, G. E. Smith, D. E. Parke, D. D. Schultz, W. C. Johnson, T. W., jr. McNulta, H., jr. Stolz, F. R. Rice, H. P. Bond, C. A. Briggs, C. Kimzey, R. P. Messmer, W. Le R. Broadbent, J. H. Brian, H. T. Criddle, C. R. Barnhart, F. C. Reither, R. W. Simms, H. A. Sima, F. F. Reppy, J. D. Graubart, A. H. Broadley, C. V. Tolman, C. E., jr. Lester, T. Cox, G. McC. O'Brien, W. J. Kivette, F. N. Sowell, J. C. Hobbs, I. E. Schleif, E. L. Waters, H. T. French, J. Fitz-H. Gallery, W. O. McGown, M. Y., jr. Larson, H. O. Newton, E. P., jr.

Roberts, L. W. Miller, H. F. Lambrecht, J. O. Burrowes, T., jr. Varian, D. C. Hoffner, C. C. Wickizer, V. D. Henderson, H. H. Sugnet, L. F. Weeks, C. S. Smith, H. F. Hirst, G. C., jr. Hurd, K. C. Wright, W. L. Johnson, W. W. Caldwell, R. S. Griffin, J. H. Turney, W. L. Carrington, J. H. Smith, Russell S. Sylvester, M. D. Jarrell, A. E. Orville, H. T. Allen, R. N. Naquin, O. F. Robertson, J. B., jr. Steele, J. W. Taylor, J. D., 3d. Haviland, J. W., 3d. Tonseth, T. H. Miller, John M. Lankford, C. K. Benson, W. L. Cash, J. B. Christensen, W. N. Mann, E. E. Wood, H., jr. Laffan, J. J. Malone, C. F. Vanasse, R. B. Wellings, J. H. Headden, W. R. Bacon, B. E., jr. Lee, E. S. Singer, W. T. Crosley, P. C. Day, J. S. Hicks, J. M. Bush, D. A. Clark, R. S. Cleland, J. B., jr. Dufek, G. J. Wagner, H. Blanche, J. G., jr.

Poore, J. B. Beck, E. L. Leahey, G. A., jr. Scott, J. M. Lyons, R. R. Morrison, C. H. B. New, W. A. Truesdell, W. H. Graham, W. W., jr. Goodwin, J. F. Davis, R., jr. Sullivan, C. M. Standley, W. H., jr. Field, B. H. Tibbitts, F. P. Eggers, F. B. Brown, J. G. Chitwood, J. S. Hede, A. Stickney, F. R. Pickens, H. H. Thornton, R. T., jr. Mayer, W. S., jr. Muth, E. G. Howeth, L. S. Jordan, J. B. Mowatt, W. P. Banks, J. O., jr. Printup, C. A. O'Keefe, G. F. Hanna, J. R. Schieke, H. E. Blackwell, C. L. Moore, J. G. Wolcott, T. King, S. H. Reynolds, C. D. Coleman, R. I. Ferguson, H. L., jr. Leggett, A. B. Wright, B. W. Thorington, A. C. Gardner, R. N. Fowler, G. B. Scruggs, J. M. Hourihan, J. J. Simpson, S. D. Leicht, J. Kershner, G. F. McGraw, T. M. Owers, F. D. Beecher, W. G., jr. Badger, A. J. Silsbee, C. S.

Davidson, W. B. Daniel, T. S. Carson, J. M. Ryan, C. M. Johnson, R. C. Behan, A. C. Schonland, H. E. Dearth, H. F. McCall, F. B. O'Hara, J. B. Howard, W. S., jr. Tarbox, G. E., jr.1 Greenlee, D. G., jr. Loomis, B. B. Stone, H. L. Brown, J. B. Chillingworth, C. F., jr. Veeder, W. S. Mitchell, H.2 Nevins, J. H., jr. Parker, T. C. King, G. J. Wilson, J. E. Gellhorn, G., jr. Moore, A. S. Marshall, H. N. McFall, E. A. Williams, F. P. Fitz Gerald, P. H. Krieg, W. B.

McFarlane, R. N. Hughes, J. G., jr. Swinburne, E. R. McKinney, C. S. Nonweiler, K. H. Gregerson, C. E. MacKinnon, R. M. Petross, L. C. Delaney, J. F., jr. Drury, M. J. Thompson, W. K. Quinn, A. R. MacIntyre, A. Gordinier, V. F. Brant, E. V. Johns, J. G. Sims, G. L. Crowley, E. D. Roberts, David G. McAuliffe, C. L. Thomson, H. P. Kimes, T. J. Thompson, A. B. Lawrence, J. R. Farrell, A. D. J. Gill, G. C. Tuzo, P. B., jr. Ransom, R. R. Smith, J. McD. West, M. J. Hickey, T. J. Biggs, G. P. Hank, W. E. Lyon, P. H. Phelan, G. R. Sears, N. W. Smith, C. L.

Sentman, R. A. Query, J. V., jr. Davis, E. J. Clyde, P. M. Truxall, C. W. Jensen, C. M. Guthrie, R. A. McGeoy, T. J. May, B., 2d. Ford, W. C. Rainer, G. B. Copping, B. S. Love, H. H. Dreier, D. C. Sampson, W. B. Lewis, John H. Norman, R. G. Lion, P. M., jr. Kirten, W., jr. McShane, J. J. Markham, L. M., jr. Durnell, F. L. Mahoney, G. F. Shahan, W. H. Reeves, I. S. K., jr. Peterson, D. A. Benz, A. J. Rhodes, W. K. Austin, C. E. Culbert, W. Fenno, F. W., jr. Wogan, R. S. Gaines, R. K. Terry, W. E. Palmer, R. C. Hammock, J. C. Morrison, J. K., jr.

Appointed second lieutenants in Marine Corps

Trumble, E. J. Harris, H. D. Rahiser, M. S. Uhlig, F. J. Zuber, A. Hogaboom, R. E.

Heneberger, H. B.

Agnew, W. W., jr.

Mensing, R. J. K.

Harris, A. E.

Porter, W. F.

Bailey, M. H.

Fowler, T. F.

Florance, J. E.

Brink, F. H. Snedeker, J. Blanchard, J. D. Hart, J. N. Goodeau, L. C. Pefley, A. R.

de Shazo, J. P.

Williamson, S. R. Page, W. A. Stillman, J. H. Waterman, H. C.

Appointed ensigns in Supply Corps

Dowden, J. P. White, P.

Kiel, P. J. Locke, P. G. Grove, R. L.

¹ Commission withheld pending recovery from illness.

² Diploma and commission withheld pending recovery from illness.

Resignations

Name and class	Date resigned
Abernethy, John Robert, class of 1928	
Ahlgren, Gilbert Otto, class of 1925	
Allbee, Hugh Richmond, class of 1928	Jan. 14, 1925
Allen, Rufus Forrest, class of 1925	
Amsler, Jack Bennard, class of 1927	
Andrews, John, jr., class of 1927 b	
Asher, Ben Dyer, class of 1927	
Atkins, Francis Emery, class of 1927	
Bengston, Wayne Emory, class of 1927	June 1, 1925
Berkman, Oliver Thurston, class of 1928 b	Feb. 9, 1925
Bidwell, Edmund Frederick, class of 1926	Do.
Black, John Ferguson, class of 1926	Do.
Blackburn, Ben Frank, class of 1928	
Blakely, Joseph William, class of 1928	
Bolling, Theodore Dixon, class of 1926	
Booth, Charles Edwin, class of 1928	Feb. 9, 1925
Booye, Charles, class of 1928	
Bowden, William Kenrick, class of 1928	
Bradshaw, James Larkin, class of 1927	
Brash, Frederick Charles Clinton, class of 1925	
Brinley, Paul Verco, class of 1927	
Brokaw, Harold Wilford, jr., class of 1928	Feb. 20, 1925
Brown, John Welsh, class of 1926	
Brown, Robert Edwin, jr., class of 1926	,
Burhans, Charles Hobart, class of 1925	
Burke, Thomas DeLancey, class of 1928	
Burling, Donald Oscar, class of 1925	
Burns, William Oscar, class of 1927	
Burton, John David, jr., class of 1925 Bush, Burl Heber, class of 1928 b	
Bush, Harold Harrington, class of 1928	
Butler, Charles Chauncey, class of 1926	
Butz, Jesse Samuel Cooper, class of 1927	
Cain, Harold Francis, class of 1928	
Callaghan, William Carey, class of 1926	
Campbell, Robert Shedden, class of 1928	
Caplinger, Roger Thomas, class of 1926	
Carter, Joseph William, class of 1927	
Chapel, Charles Edward, class of 1926	
Charleton, Allan West, class of 1928	
Chew, Charles James, class of 1928	
Chrismon, John Aubrey, class of 1926	Jan. 19, 1925
Clark, Perley Messer, class of 1925	June 3, 1925
Cobb, William Frank, class of 1926	
Coker, Carmon Pancho, class of 1928	
Cole, Reuben David, class of 1928	
Coleman, Alfred James, class of 1927	
Combs, Charles Anderson, class of 1927	•
Counts, James Palmer, class of 1928	,
Crane, Albert Bruce, class of 1927	Do.

⁵ Readmitted.

	D. 4
Name and class Cross, "J" Allan, class of 1927	Date resigned
Curtis, Howard Franklin, class of 1927	
Dalton, Donald Henry, class of 1927	
Dean, John Little, class of 1927	
Densmore, Samuel Winslow, class of 1926	
	The state of the s
Denzel, Corton Victor class of 1928	
Dorrell, Carter Victor, class of 1926 Drew, Melvin Eugene, class of 1927	
· · · · · · · · · · · · · · · · · · ·	
Easton, William Thomas, class of 1928 b	
Engeman, George Hyde, class of 1927	
Ensminger, Raymond Hyson, class of 1928 Erickson, Walter LeRoy, class of 1928	
Ervin, Frank Jackson, class of 1927	
Faulkner, Charles Carl, class of 1927	
Flanders, Malcolm Brooks, class of 1928 Flemming, Russell Edward, class of 1927	
Foose, Robert Paul, class of 1925	
Foster, Joshua Hill, jr., class of 1926.	
Foster, Paul Eugene, class of 1927	
Fryer, Loren Hansbrough, class of 1926	Oct. 8, 1925
Gannon, Thomas Reginald, class of 1926	
Gardner, Nelson Clemens, class of 1928	
Gattis, Hobson Ivan, class of 1927	
Gleason, Randolph Edward, class of 1927	
Goodwin, Paul Harold, class of 1928.	
Griffin, Lawrence Milton, class of 1927.	
Haddad, Elias Francis, class of 1926	
Hamilton, Rayburn Mathew, class of 1925	
Hands, Edgar Beach, jr., class of 1927	
Hanscom, Howard Wesley, class of 1927	
Hardenbergh, Raymond Waite, jr., class of 1928	
Harker, Henry Gordon, class of 1928	
Harrell, Joseph William, class of 1927	
Harrington, Maurice J., class of 1928	
Hayes, William Myers, class of 1926	
Herald, Arthur James, class of 1928	
Hilliard, Lyman Hall, class of 1926	
Hodges, Willard Atlee, class of 1928	
Holder, Oren Spencer, class of 1928	
Hookway, John Charles, class of 1927	
House, John Carleton, class of 1925	
Howlett, Kirby Smith, jr., class of 1925	
Hudgins, Charles Harley, class of 1927	
Ivey, John Courtney, class of 1925	
Jackson, Ed Hughes, class of 1926	
Janney, Samuel Abijah, class of 1928 b	
Jewett, James Quentin, class of 1928	
Jochum, William, class of 1926	Nov. 24, 1924
Johnson, Howard Ravenscroft, class of 1927	June 3, 1925

^b Readmitted.

Name and class	Dota	resigned
Johnson, Victor Emmanuel, class of 1925		3, 1925
Kennedy, Marvin Granville, class of 1927 b		3, 1925
Kibler, Henry Leon, class of 1928		
Killen, Charles Henry, class of 1927	Feb.	9, 1925
Kitchin, Bethuel Meade, class of 1927		1, 1925
Klein, Erle Lyle, class of 1928		9, 1925
Kluegel, John Van Rensselaer, class of 1928		24, 1924
Lambert, Robert Davison, class of 1926		5, 1924
Lewis, Henry Stephen, class of 1926		9, 1925
Lichty, Maurice Gerald, class of 1927		
Lindsey, William Carl, class of 1926		31, 1925
Linton, Laurence Joseph, class of 1927		9, 1925
Loos, Wallace Mead, class of 1925		3, 1925
Lowrey, Searcy James, class of 1925		Do.
Luke, Raymond Henry, class of 1925]	Do.
Luongo, Henry, class of 1927	June	6, 1925
MacPherson, Hamilton Carroll, class of 1927	Mar.	9, 1925
Maher, Edward John, class of 1927		6, 1925
Maloney, Thomas James, class of 1927	Feb.	
Matson, Rosser Holloway, class of 1925		
Mayfield, James Horace, class of 1928		
McBride, Herman Pope, class of 1927		Do.
McLeod, William Henry, class of 1928		Do.
Melintz, Paul Richard, class of 1925		11, 1924
Moeller, Walter Fred, class of 1925		
Moneysmith, Garold Arling, class of 1926	Sept.	29, 1925
Moore, Everett Lloyd, class of 1927	Feb.	9, 1925
Moore, Milton Edward, class of 1926	Apr.	14, 1925
Mulholland, George Anthony, class of 1927		4, 1925
Neville, Forrest Lynne, class of 1928	May	7, 1925
Newton, Charles McCall, class of 1927	Jan.	24, 1925
O'Connell, John Ennes, class of 1926	July	16, 1925
Olmsted, Frederick Lockwood, class of 1927	Dec.	5, 1924
Overstreet, George Jackson, class of 1925		3, 1925
Pardee, Clarke Mensch, class of 1927	Jan.	29, 1925
Pattie, Barton Duvall, class of 1928 b	Feb.	9, 1925
Paul, Alan Coyle, class of 1925	June	3, 1925
Pellegrino, Pete August, class of 1927		31, 1925
Pepper, William Mullin, class of 1927		
Peterson, James Shadle, class of 1928	Apr.	27, 1925
Phillips, Joseph Herbert, class of 1927		24, 1925
Pond, Reed Kimball, class of 1928		
Price, Claiborne Henry, class of 1924		
Pryor, Francis Dennis, class of 1927		
Reinders, Raymond John, class of 1927		
Reith, Edward Vanderlip, class of 1925		3, 1925
Reynolds, Roy Roscoe, class of 1928		
Richardson, Ewart Coridan, class of 1925		3, 1925
Roberts, Thomas Carroll, jr., class of 1928		9, 1925
Robertson, Frank Wright, class of 1926		
Rosenberg, Millard, class of 1925		
Rudolph, Louis Joseph, class of 1927	Dec.	17, 1924

^b Readmitted.

Name and class	Date resigned
Sagal, Ivan Andrew, class of 1927	Feb. 9, 1925
Salzer, Karl Roberts, class of 1927	
Schell, Russell Henry Edward, class of 1925	Feb. 16, 1925
Schmidt, Homer Charles, class of 1928	
Schrefer, Clarence John, class of 1925	
Setzer, Wendell Creager, class of 1928	
Shaw, Herbert Weller, class of 1927	
Shaw, Luther Dexter, class of 1928	
Shepperd, William Marshall, class of 1927	
Shillingford, John Thompson, class of 1926	
Sipe, Harold Frederick, class of 1927	Sept. 14, 1925
Sloss, Marion Bernard, class of 1928	May 7, 1925
Smith, Royal Stephen, class of 1925	Nov. 5, 1924
Sparklin, James Donald, class of 1927	June 3, 1925
Spohrer, Anthony, class of 1928	Jan. 29, 1925
Stanley, August Owsley, jr., class of 1928	
Sterling, Donald Melvin, class of 1927	Sept. 2, 1925
Stewart, Charles Ralph, class of 1926	Feb. 2, 1925
Stovall, James Edwin, class of 1928	Dec. 5, 1924
Strong, Walter Hartridge, class of 1925	June 3, 1925
Stryker, Maurice Cline, class of 1927	Do.
Taber, William Farrington, class of 1927	Feb. 9, 1925
Timmerman, Dixon Padgett, class of 1928	Dec. 24, 1924
Tingle, Asher Preston, class of 1927	Feb. 9, 1925
Trese, Joseph Condon, class of 1928	Sept. 12, 1925
Turner, Robertson Hill, class of 1925	June 3, 1925
Van Orden, George Owen, class of 1927	Feb. 9, 1925
Wade, Willard Gilbert, class of 1928	
Walker, Norman Eugene, class of 1927	Sept. 29, 1925
Waring, Edward Harleston, jr., class of 1927	
White, Harold Ralston, class of 1927	
Wilson, George Alexander, 3d, class of 1925	
Winford, Henry Shapard, class of 1928	
Williams, Joseph Bassett, class of 1926	
Wishart, Clifton Armfield, class of 1925	
Wood, Milton Chubbuck, class of 1928	
Wright, Henry Price, jr., class of 1927	
Yeager, William Cornelius, class of 1928	
Zimmerman, Ronald Buxton, class of 1928	
Zitzewitz, Elmer Kurz, class of 1925	June 3, 1925
Dismissals	
Name and class	Date dismissed
Abercrombie, Milo Bolling, jr., class of 1925	Nov. 8, 1924
Duckett, Oden Bowie, jr., class of 1926	Nov. 3, 1924
Giese, Albert Augustus, class of 1926	
Imhof, James Rathlot, class of 1927	
Polk, Hubert Jack, class of 1926	
Todd, Belden Wilmer, class of 1926	
Torok, Tibor Theodore, class of 1928	
Wise, Edward Crosby, class of 1926	Aug. 29, 1925
warran and a	

Dropped

Name and class Campbell, Lee Fulkerson, class of 1924	Dropped
Campbell, Lee Fulkerson, class of 1924	June 5, 1925
Deaths	
Name and class	Date died
Cole, Cecil Bundy, class of 1928	Feb. 18, 1925
Retained in next lower class	
Name	Date turned back
Alba, Bienvenido Mobo, class of 1926 to class of 1927 Belden, Richard Nathaniel, class of 1927 to class of 1928	
Burke, John Edward, class of 1927 to class of 1928	
Catterton, Max Lee, class of 1927 to class of 1928	
Clegg, Ernest Calvert, class of 1929 to class of 1929	
Culver, Ira Guy, class of 1925 to class of 1926	
Gaden, Allan Gaston, class of 1927 to class of 1928	
Goetz, Charles Moran, class of 1925 to class of 1926	- '
Gullett, William Mayo, class of 1926 to class of 1927	
Haines, Richard Alexander, class of 1927 to class of 1928	
Hall, Robert Samuel, jr., class of 1927 to class of 1928	* '
Harrison, Samuel Henderson, class of 1927 to class of 1928	
Hicks, Allen Sturdivant, class of 1927 to class of 1928	
Hughes, Roscoe Durall, class of 1926 to class of 1927	
Kearns, John Joseph, class of 1927 to class of 1928	
Koonce, Allen Clark, class of 1926 to class of 1927	Apr. 16, 1925
Lair, Rodney Bickham, class of 1927 to class of 1928	Feb. 6, 1925
Monahan, Idris Burke, class of 1927 to class of 1928	Apr. 16, 1925
Nelson, Hugo Adolphus, class of 1927 to class of 1928	May 29, 1925
Neville, Forrest Lynne, class of 1927 to class of 1928 r	Apr. 16, 1925
Parsons, William Seavey, class of 1927 to class of 1928	May 27, 1925
Perdue, William Edward, class of 1926 to class of 1927	May 29, 1925
Pickens, Madison Dallas, class of 1927 to class of 1928	Apr. 16, 1925
Pierce, Robert Archer, class of 1927 to class of 1928	
Plant, James Calvin, class of 1928 to class of 1929	
Pond, Reed Kimball, class of 1927 to class of 1928	
Shea, William Wolcott, class of 1927 to class of 1928	
Sloss, Marion Bernard, class of 1927 to class of 1928 r	
Smith, Thurmond Augustus, class of 1927 to class of 1928	
Spilker, James Julius, class of 1927 to class of 1928	
Stokes, Phillip Gaines, class of 1927 to class of 1928	
Thomas, William Dow, class of 1927 to class of 1928	
Wilkinson, Robert Holden, class of 1928 to class of 1929	
Willingham, Joseph Harris, jr., class of 1925 to class of 1926	
Woods, Elmer Cyril, class of 1927 to class of 1928.	

r Later resigned.

SECOND TERM INSTRUCTION SCHEDULE, 1924-25

Instruction schedule for second term, February 2, 1925, to May 27, 1925

				· · · ·	Periods		
Day	Class	Bat-	First	Second	Third	Fourth	Fifth
		talion	7.50 to 9.54 a. m.	10.04 a. m. to 12.08 p. m.	1.10 to 3.10 p. m.	3.27 to 4.30 p. m.	7.45 to 9.30 p. m.
	1	1, 3	E. E. & P	Seamanship	Ordnance		
	2	4, 2 1, 3	E. E. & P M. E. & N. C.	Ordnance Navigation	Seamanship E. E. & P		
Monday		4, 2	M. E. & N. C.	Navigation	E. E. & P	Drill	Study.
·	3	1, 3	Mathematics	Languages	English		Study.
	4	4, 2 1, 3	English Languages	Mathematics Mathematics	Languages M. E. & N. C.		
		4, 2	Languages	Mathematics	M. E. & N. C.	Į	
	(1	1, 3	M. E. & N. C.	Navigation	Seamanship Ordnance		
	2	1, 3	M. E. & N. C. Languages		Navigation		
Tuesday		4, 2	Navigation		Languages	Drill	Study.
I desday	3	1, 3	Mathematics	M. E. & N. C.	E. E. & P	Dim	Study,
	4	4, 2	E. E. & P English	M. E. & N. C. Languages	Mathematics Mathematics		
	1	4, 2		Languages	Mathematics	1	
	1	1, 3	M. E. & N. C.	Ordnance	E. E. & P		
	2	4, 2 1, 3	M. E. & N. C. Ordnance	_	E. E. & P Navigation		
		4, 2	Ordnance	Languages Navigation	Languages		
Wednesday	3	1, 3	Mathematics		M. E. & N. C.	Recreation	Study.
		4, 2	E. E. & P		M. E. & N. C.		
	4	1, 3	Languages	Mathematics	English		
	(1	1, 3	Seamanship	M. E. & N. C.	Ordnance	j	
		4, 2		M. E. & N. C.	Ordnance		
	2	1, 3	M. E. & N. C. M. E. & N. C.	Navigation	E. E. & P E. E. & P		
Thursday	3	1, 3	E. E. & P	Mathematics_	Languages	Drill	Study.
		4, 2	Mathematics	E. E. & P	English		
	4	1, 3		English	M. E. & N. C.		
	(1	4, 2	Mathematics Navigation	English Ordnance	M. E. & N. C. E. E. & P	í	Hygiene.
		4, 2	Seamanship	Ordnance	E. E. & P		Hygiene.
	2	1, 3	Ordnance	M. E. & N. C.	Navigation		
Friday	$\begin{cases} 3 \end{cases}$	4, 2 1, 3	Ordnance Mathematics	M. E. & N. C. E. E. & P	Navigation English	Drill	
	0	4, 2		Mathematics.	Languages		Study.
	4	1, 3		English	Mathematics		
		4, 2	M. E. & N. C.	English	Mathematics	,)
			SATURD.	AY TIME SCE	IEDULE		
			7.50 to 9.54 a. m.	10.20 to 11.50 a. m.			
	{1	1, 3	Navigation	Daill)		
		4, 2	Navigation	Drill			
	2	1, 3	E. E. & P E. E. & P	Seamanship*			Liberty.
Saturday	3	1, 3	M. E. & N. C.	E. E. & P*	Recreation	Recreation	Motion pic-
		4, 2	M. E. & N. C.	E. E. & P*			tures, etc.
	4	1, 3	Mathematics	Drill			
		4, 2	Mathematics	J)		

<sup>February and March, recitation—10.04 a. m.-12.08 p. m. April and May, drill—10.20 to 11.50 a. m.
(1) During the odd-numbered academic months the first and fourth battalions recite the first hour of a period. During the even-numbered academic months the second and third battalions recite the first hour of a period.
(2) For the academic year of 1924-25 each odd-numbered battalion of the regiment studies Spanish and each even-numbered battalion studies French. Assignment to each language on entrance becomes permanent for the entire course.</sup>

Summer schedule A, 1925, for midshipmen of the fourth class

ROUTINE FROM 15 JUNE TO 29 AUGUST, 1925

		First	Second	Third	Fourth	Fifth
Day	Company	8 to 9.30 a. m.	10 to 11.30 a. m.	1,30 to 3 p. m.	3.15 to 4.30 p. m.	8 to 9.30 p. m.
Monday	[1, 3	Rifle rangeInfantry.	Rifle Range	SeamanshipE. & A.	Gymnasium	Mass singing.
Tuesday	[1, 3 [2, 4	Infantry	GymnasiumRifle range	E. & A	SeamanshipGymnasium.	Lecture.
Wednesday	1, 3	Rifle range	Rifle rangeE. & A.		Recreation	Executive.
Thursday	1, 3	InfantryRifle range	GymnasiumRifle range	E. & A. Seamanship.	SeamanshipGymnasium.	English.
Friday	[1, 3	Ordnance	Seamanship	English.		Mass singing.
Saturday	[1, 3. [2, 4.	InfantryInfantry	Gymnasium	Recreation	Recreation	Moving Pictures. Auditorium.
Sunday	[2, 4					Study.
			The second secon			

ROUTINE FROM 31 AUGUST TO 25 SEPTEMBER, 1925

Second 10 a. m. to 12 m. Mathematics Lan Mothematics	Third 1.15 to 2.45 p. m. Languages	Fourth 3 to 4.30 p. m.	8 to 9.30 p. m.
2 m.	i	3 to 4.30 p. m.	8 to 9.30 p. m.
		Ordnonoo	
		O disable	Study.
		Seamanship	Study.
	Languages	Gymnasium	Study.
Mathematics Lan	Languages	Seamanship	Study.
Mathematics Lan			English. Sampson Hall.
Seamanship Rec			Moving pictures. Auditorium.
		1 1	Study.
7 E F	icsRec	ics	1 1 1

NOTES

(1) The fourth class program changes on 31 August. In modern languages, the first and third companies study Spanish, the second and fourth companies study French. Assignments to each language on entrance, become permanent for the entire course, and assignments of the fourth class to battalions in the regiment, for the opening of the academic year are made from the company with the corresponding number.
 (2) Where a drill involving physical exercise is followed by a recitation period, the drill officer will dismiss in sufficient time for a bath and the necessary change of clothing or uniform required for the recitation.
 (3) Except when modified by this program articles 622-624 remain in effect.
 (4) There will be mass singing from 7.30-8 p. m., Monday and Thursday from 31 August to 25 September.

First class instruction schedule JUNE 8 TO JULY 29, INCLUSIVE

	Fifth Sixth	1,30 to 2,10 2,20 to 3,20	RadioStructure and rigging			do Engines.		Radio Structure and rigging			do Engines.			Radio Theory of flight.	do	do Do.	do Do.			Radio Do.		do Communications.	do Structure and rigging.			Radio Do.	do Engines.		do Engines.
Ø	Fourth	11.10 to 12.10 p. m.	Engines	and rigging	-	ad rigging	A vietion history	ng		gging	_		op	Structure and rigging R	Theory of flight	Structure and rigging	Theory of flight	do	Structure and rigging		Structure and rigging	Communications	Structure and rigging	Theory of flight	Engines.	Structure and rigging R		e and rigging	Engines
Periods	Third	10 to 11	Instruments	A viation history	Instruments	A viation history	Engines.	Theory of flight	Structure and rigging	Engines	Theory of flight			Engines	Structure and rigging	Engines	Structure and rigging	Engines.	Structure and rigging	do	Engines.	Structure and rigging	Engines.	Structure and rigging	Engines	do	Structure and rigging	Engines.	Communications
	Second	8.50 to 9.50	A viation history	Instruments	Aviation history	Instruments	Aviation history	-do	Structure and rigging	Engines	Structure and rigging	A viation history 1	do	Engines.	Structure and rigging	Engines.	Structure and rigging	Engines.	Theory of flight	Structure and rigging	Engines	Structure and rigging	Engines.	Structure and rigging	Theory of flight	Engines.	Structure and rigging	Engines	Communications
	First	8 to 8.40	Radio	op	do	do	do	do	do	-do	do	do	-do	-do	do	do	qo	do	do	qo	qo	qo	do	do	do	do	do	do	op
	Company		[1,2	[3,4	[1,2	[3,4	1, 2	[1, 2	[3, 4	[1, 2,	13,4	[1, 2	3.4	1,2	[3,4	[1, 2	(3, 4	1, 2	(3, 4	1, 2	(3, 4	1, 2	[3, 4	[1,2	[3, 4	[1, 2	[3,4	1,2	(3, 4
	Day			June 8	σ		10	;		10	16	12		=		16		17		18		19		02		33		23	

	Comminisotions	Engines	Communications.1	Do			Scouting	Engines	Scouting.	Engines			Scouting.	Engines.					Scouting.	Gunnery.	Scouting.	Gunnery.			Scouting.	Engines.	Scouting.	Engines.			Do.	Gunnery.	Bombing.	Gunnery.		
	Badio	do	do	ďo			Radio	ď	do	do			Radio	do					Radio	ď	ф	do			Radio	do	-do	-do			Radio	do	-do	qo		
Theory of flight 1do	Communications	Engines	Structure and rigging 1	do.	Engines 1	do	do	Scouting	Engines	Scouting	Engines	Scouting	Engines.	Scouting	Aerology 1	do			Scouting	Gunnerv	Scouting	Gunnery	Scouting	Engines	Scouting	Engines	Scouting	Engines.	Scouting 1	do.	Engines.	Gunnery.	Bombing	Gunnery	Bombing	dunnery
Theory of flight 1do	R.ngines	Communications	Structure and rigging 1	-do	Engines 1	do	Aerology	do	-do	-do	-do	do.	-do	-do	.do.1	op		Holiday	Engines-	Scouting	Engines.	Scouting	Engines	Gunnery	Engines	Scouting	Engines.	Scouting	do.1	-do	Gunnery	Engines	Gunnery	Engines	Gunnery	Engines.
Theory of flight 1do	Engines	Communications	Structure and rigging 1	-do	Engines 1	op	Aerology	do	-do	do	op	do	op	-do	-do.1	op			Engines.	Scouting	Engines	Scouting	Engines	Gunnery	Engines	Scouting	Engines.	Scouting	do.1	-do	Gunnery	Engines.	Gunnery	Engines	Gunnery	Engines.
do	-P	op	qo	qo	op-	qo	-do	-do	do	do	do	-do	do	do	-do	-do			Radio	-do	qo	do	qo	qo	do	do	do	do	do	do	do	do	do	do	do	qo
1,2	[1.2	3,4	1,2	3,4	[1, 2	3, 4	[1, 2	3, 4	[1, 2	3,4	[1, 2	3,4	1, 2	3, 4	[1,2	3,4	[1,2	3,4	[1,2	3, 4	1, 2	3, 4	[1,2	3, 4.	[1,2	3,4	[1,2	3, 4	[1,2	3,4	[1, 2	3, 4	[1, 2	3, 4	[1, 2	[3, 4
24		25		07			_	67		ng	,	land I		77		200		4		0		,		0	c	1	9	I			ç	-	7	T	<u>.</u>	

1Examination.

First class instruction schedule—Continued JUNE 8 TO JULY 29, INCLUSIVE—Continued

				Periods			
Day	Company	First	Second	Third	Fourth	Fifth	Sixth
		8 to 8.40	8.50 to 9.50	10 to 11	11.10 to 12.10 p. m.	1.30 to 2.10	2.20 to 3.20
	1.2	do	Gunnerv	Gunnerv	Bombing	Radio	Bombing
July 16	[3, 4	qo	Engines.	Engines	Gunnery	do	Gunnery.
1	11,2	do	Gunnery	Gunnery	do	op-	Do.
	[3, 4	op	Bombing	Bombing	Bombing	-do	Bombing.
10	11,2	do	Engines 1	Engines 1	Engines 1		,
10	3, 4	do	do	do	-do		
C	11,2	-do	Gunnery	Gunnery	Bombing	Radio	Do.
02	3,4	do	Bombing	Bombing	Gunnery		Gunnery.
5	[1, 2	qo	Navigation	Navigation	do	op-	Bombing.
	3,4	do	Bombing	Bombing	Navigation	qo	Navigation.
ç	[1, 2	op	Gunnery 1	Gunnery 1	Gunnery 1		
77	[3, 4	op	do	-do	-do		
66	11,2	op	Navigation	Navigation	Bombing	Radio	Bombing.
67	[3, 4	do	Bombing	Bombing	Navigation.	op	Navigation.
76	1,2	qo	Navigation	Navigation	Bombing		Bombing.
	[3, 4	qo	Bombing	Bombing	Navigation	-do	Navigation.
25	1, 2	qo	-do	op-	Bombing		
	[3, 4	qo	Navigation	Navigation-	Navigation		
3	1,2	do	do	do	do	Radio	Do.
19	3, 4	do	Bombing	Bombing	Bombing	-do	Do.
oc.	1,2	do	do.1	_do.1	_do.1	do	
07	3,4	-do	do	-do	-do	-do	
C	1,2	do	Navigation 1	Navigation 1	Navigation 1		
	3,4	qo	do	do	do-	,	
			_				

1 Examination.

First class instruction schedule—Continued JULY 30 TO AUGUST 28, INCLUSIVE

PERIODS

D	Section	First period	G	Second period
Day	(inclusive)	8 a. m. to 12.10 p. m.	Company	1.30 to 3.20
		>		
-1 20	1-4 5-8	Navigation	1, 2	Executive.
ıly 30	9-12	Range gunnery	3, 4	Seamanship.
	(1-4	Navigation	1	
31	5-8	Flight	1, 2 3, 4	Executive. Seamanship.
	9-12	Range gunnery	0, 4	Seamanship.
	[1-4	Navigation	1, 2	
ıg. 1	5-8	Flight Range gunnery	3, 4	
	(1-4	Navigation		
3		Flight	1, 2	Executive.
	9-12	Range gunnery	3, 4	Seamanship.
	(1-4	Navigation	1, 2	Executive.
4		Flight	3, 4	Seamanship.
	(9–12	Range gunnery)	
5	1-4 5-8	Navigation	1, 2	
0	9-12	Range gunnery	3, 4	
	(1-4	Navigation	, ,	
6	5-8	Flight	1, 2	Executive.
	9-12	Range gunnery	3, 4	Seamanship.
	[1-4	Navigation	1, 2	Executive.
7		Flight	3, 4	Seamanship.
	[9-12	Range gunnerydo	J	
8	11	Navigation	1, 2	
0	9-12	Flight	3, 4	
	(1-4	Range gunnery	11.2	Do.
10		Navigation	3, 4	Executive.
	9-12	Flight),	MACCUMVE.
	1-4	Range gunnery	1, 2	Seamanship.
11	9-12	Navigation	3, 4	Executive.
	(1-4	Range gunnery	,	
12		Navigation	1, 2	
	9-12	Flight	3, 4	
	1-4	Range gunnery	11, 2	Seamanship.
13		Navigation	3, 4	Executive.
	(1-4	Flight	J	
14	11	Range gunnery	1, 2	Seamanship.
17000	9-12	Flight	3, 4	Executive.
	(1-4	Range gunnery),	
15	5-8	Navigation	1, 2	
	19–12	Flight	3, 4	
	[1-4	Range gunnery	11, 2	E. E. & P.
17	5-8	Navigation	3, 4	Ordnance.
	(1-4	do	,	
18		Range gunnery	1, 2	E. E. & P.
	9-12	Navigation	3, 4	Ordnance.
	(1-4	Flight	1, 2	
19		Range gunnery	3, 4	
	[9-12	Navigation	! '	
20	1-4 5-8	Flight]1, 2	E. E. & P.
		Range gunnery	3, 4	Ordnance.

First class instruction schedule—Continued JULY 30 TO AUGUST 28, INCLUSIVE—Continued

PERIODS-continued

7	Section	First period		Second period
Day	(inclusive)	8 a. m. to 12.10 p. m.	Company	1.30 to 3.20
Aug. 21	{1-4	FlightRange gunneryNavigation	\bigg\{1, 2\}3, 4	E. E. & P. Ordnance.
22	{1-4	Flight Range gunnery Navigation	\bigg\{1, 2\}3, 4\}	
24	1-4	FlightRange gunneryNavigationFlight	\\ 1, 2\\ 3, 4\\ \}	Do. E. E. & P.
25	{5-8 9-12 {1-4	Range gunnery Navigation Flight	\[\begin{align*} 1, 2	Ordnance. E. E. & P.
26		Navigationdo.1	3, 4	Ordnance.
27	\begin{cases} 5-8 \\ 9-12 \\ 5-8 \\ 5-8 \\ \ 5-8 \\ \end{cases} \end{cases}		\\\ 3, 4\\\\ 1, 2	E. E. & P. Ordnance.
20	9-12	do	∫3, 4	E. E. & P.

¹ Examination.

Assignment of time, first class JUNE 8 TO JULY 29, INCLUSIVE

		0																											
	Sixth	2.20 to 3.20	E. & A.	Do.		ç	E E & P	Do.	E. & A.			E. E. & P.	Do.			Do.	E. & A.	Seamanship.	E. & A.			Do.	Do.	Do.	Do.			Seamanship.	E. & A.
-	Fifth	1.30 to 2.10	E. E. & P.	qo		T T 8. 10	الله بعراد م	đo	do			E. E. & P.	qo			E. E. & P	do	qo	do			E. E. & P	do	do	qo			E. E. & P	do
vo.	Fourth	11.10 to 12.10	E. & A.	-do	E. & A.	Seamanship	E. & A.	do	do.	Navigation 1	do.¹	E. & A.	E. E. & P.	-do	E. & A.	E. E. & P.	E. & A.	Seamanship.	E. & A.	E. E. & P.	E. & A.	-do	do	do.	do	E. E. & P.1	.do.1	Seamanship	E. & A
Periods	Third	10 to 11	Navigation	Seamanship	E. & A	do	E. E. & A	ф	E. E. & P			E. & A.	-do	-do	-do	do.	-do	-do	-do	-do	-do	-do	-do	do.	Seamanship.	E. E. & P.1	do.¹	E. & A	Seamanship
- 7	Second	8.50 to 9.50	Seamanship.	Navigation	Seamanship.	E. & A	do	do	do	Seamanship 1	do.¹	E. & A.	-do	-do	E. E. & P	E. & A.	-do	-do	-do	do	E. E. & P	E. & A.	do	do	Seamanship.	E. E. & P.1	.do.1	E. & A	Seamanship
	First	8 to 8.40	E. E. & P	qo	qo	op	qu	do	do	do	qo	-do	qo	qo	do	qo	qo	qo	- op	do	do	qo	op	-do	do	qo	do	qo	qo
	Company	*	[1, 2	[3, 4	1, 2	(3, 4	3.4	(1.2	3,4	(1,2	3,4	[1,2	3,4	[1,2	3,4	[1, 2	3,4	1,2	3,4	[1, 2	[3, 4	[1, 2	3.4	[1, 2	3,4	[1,2	[3, 4	[1, 2	[3, 4
	Day		0 0 0 0 0 0	е 'o aппе	10		11		12		13		15, 16				18		AT		20		77			1:	24		

Assignment of time, first class—Continued JUNE 8 TO JULY 29, INCLUSIVE—Continued

	Sixth	2.20 to 3.20	Seamanship.1		Do.	E. & A.		Seamanship.	E. & A.			Seamanship.	Ordnance.			Seamanship.	E. & A.			Do.	Ordnance,	. Do.	Do.			Do.	Do.
	Fifth	1.30 to 2.10	E. E. & P		E. E. & P.	do		E. E. & P.	-			E. E. & P	qo			E. E. & P	do		-	E. E. & P	do	qo	do			E. E. & P	qo
13.8	Fouth	11,10 to 12,10	E. & A1.	do.1	do.¹	Seamanship.	E. & A.	E. & A	Seamanship	-do.1	do.¹	-do	Ordnance	Seamanship	E. & A.	Seamanship	E. & A	Seamanship 1	do.1	E. & A	Ordnance	-do	-do	-do	-do	do	op
Periods	Third	10 to 11	E. & A.1.	do.1	Seamanship.	qo	do	-do	qo	do.1	-do.1	E. & A.	Seamanship	E. & A.	Ordnance	E. & A.	Seamanship	do.¹	do.¹	Ordnance	E. & A	Ordnance	E. & A.	Ordnance	E. & A.	Ordnance	E. & A.
	Seoond	8.50 to 9.50	E. & A.1.	do.1	Seamanship	-do	do	- op	qo	do.1	do.¹	E. & A.	Seamanship.	E. & A	Ordnance	E. & A	Seamanship	do.1	do.1	Ordnance	E. & A	Ordnance	E. & A	Ordnance.	E. & A.	Ordnance	E. & A.
•	First	8 to 8.40	E. E. & P	do	do	qo	do	do	do	do	do	do	do	qo	qo	qo	do	qo	op	qo	qo	qo	do	do	do	qo	qo
	Company		[1, 2	[1,2]	[3, 4	[3, 4	1,2	(1, 2	[3, 4	1,2	[3,4	11, 2	[3, 4	1,2	3,4	1, 2	[3, 4	1, 2	(3, 4	1, 2	[3, 4	[1,2	[3, 4	[1, 2	3,4	[1, 2	[3, 4
	Day		Inno 96	or or or	27	29, 30	Inly 1		2		3		6, 7		8		9, 10		11		13		14		15		16

Do. Do. Do. Do. Ordnance. Navigation. Do. Do.	
B. E. & P (20)	
do. -dododododododo.	The state of the s
Ordnance. E. & A.! do.! Ordnance. Ordnance. do.! Ao.! Navigation. Ordnance. do.! Ao.! Ordnance. do. Ordnance. do. Navigation. do. Ordnance. do. Navigation. do. Ordnance. do. Ordnance.	
	The state of the s
do Ordnance do do do do do do do d	
<u> </u>	
20 23, 24 25, 24 26 29	

Assignment of time, first class—Continued JULY 30 TO AUGUST 28 PERIODS

	Section	First		Second
Day	Section (inclusive)	8 to 12.10	Company	1.30 to 3.20
ıly 30, 31	(1–4	Navigation)	1
1, 00, 011111	5-8	Seamanship	1, 2	Executive.
	9-12	Ordnance	3, 4	Seamanship.
	(1–4	Navigation	1	
ıg. 1	5-8	Seamanship	1, 2	
.g	9-12	Ordnance	3, 4	
	[1-4	Navigation	1	
3, 4	5-8	Seamanship	1, 2	Executive.
U, T	9-12	Ordnance	3, 4	Seamanship.
	ſ1 - 4	Navigation	5	
5	5-8	Seamanship	1, 2	
0	9-12	Ordnance	3, 4	
	[1-4	Navigation	6	9
6, 7	5-8	Seamanship	1, 2	Executive.
0, 1	9-12	Ordnance	3, 4	Seamanship.
	(1–4	Ordnance		
8	5-8	Navigation	1, 2	
0	9-12	Seamanship	3, 4	
	(1–4	Ordnance	6	1
10, 11	5-8	Navigation	1, 2	Seamanship.
10, 11	9-12	Seamanship	(3, 4	Executive.
	(1–4	1	(
10	5-8	Ordnance Navigation	1, 2	
12	9-12		[3, 4	
	(1–4	SeamanshipOrdnance		
10.14			1, 2	Seamanship.
13, 14	5-8	Navigation	3, 4	Executive.
	(9-12	Seamanship	()	
	1-4	Ordnance	1, 2	
15	5-8	Navigation	3, 4	
	(9–12	Seamanship	l	
	1-4	Ordnance	1, 2	E. E. & P.
17	5-8	Navigation	3, 4	Ordnance.
	(9–12	Seamanship		
	1-4	Seamanship	1. 2	E. E. & P.
18	5-8	Ordnance	3, 4	Ordnance.
	(9-12	Navigation	., -,	
	1-4	Seamanship	1, 2	
19	5-8	Ordnance	3, 4	
	9-12	Navigation		
	1-4	Seamanship	1, 2	E. E & P.
20, 21	5-8	Ordnance	3, 4	Ordnance.
	9-12	Navigation	٠/ ``	1
]1-4	Seamanship	1, 2	
22		Ordnance	3, 4	
	9-12	Navigation	٠١/٥,	1
	1-4	Seamanship	1. 2	Ordnance
24, 25	5-8	Ordnance	3, 4	E. E. & P.
	9-12	Navigation	. , ,	L, L, & I.
	1-4	Seamanship	1. 2	
26	_ \ 5-8	Ordnance	3, 4	
	9-12	Navigation		
	1-4	do.1	- 1, 2	Ordnance.
27	- 5-8	do.1	3, 4	E. E. & P.
	9-12	do.¹	_ 50, 4	E.E. & I.
	1-4	E. E. & P.1	-1)	Ordnance.
28	_ {5-8:	do.1	- }	E. E. & P.
	9-12	do.¹		. E. E. & P.

 1 EXAMINATION PERIOD

 First company
 Section 1, 2, 3
 Third company
 Section 7, 8, 9,

 Second company
 Section 4, 5, 6
 Fourth company
 Section 10, 11, 12

Lesson assignments for first class, June 8 to July 4, 1925

	Per	riod	
Subject	Companies 1 and 2	Companies 3 and 4	Lesson
Monday, June 8:			
Aviation history	2	3	Chapters 1, 2, and 3.
Navigation instruments		2	Chapter 1 to bottom of p. 16.
Engines		6	Chapters 1 and 2.
Structure and rigging	6	4	
Tuesday, June 9:			
Aviation history Navigation instruments		3 2	Chapters 4 and 5.
Engines		6	Pages 16-23, 32-33, 92-94. Chapter 3 to bottom of p. 34.
Structure and rigging		4	Chapter 6 to bottom of p. 61.
Wednesday, June 10:			
Aviation history	2	4	Chapter 6.
Engines	3	2	Chapter 4 to top of p. 47.
			Bottom of p. 147 to end of chapter.
Structure and rigging	4	3	
Thursday, June 11:			Di
Engines		6	Review. Chapters 1 and 2 to bottom of p. 9.
Structure and rigging		2,3	Chapters I and 2 to bottom of p. 55
Friday, June 12:	2,0	-, -	
Engines	2, 3	• 4,6	Chapter 6.
Structure and rigging	4	2	
Theory of flight	6	3	Bottom of p. 9 to bottom of p. 18.
Saturday, June 13:			
Aviation history		2	Examination.
Navigation instruments Monday, June 15:	- 4	4	Do.
Engines	2, 3		Practical work.
			Companies 1 and 2.
Structure and rigging	4	2, 3	Companies 3 and 4.
		1 12	Companies 1 and 2, bottom of p. 18 to end of chap
Theory of flight	6	4, 6	ter.
		1,0	Companies 3 and 4, bottom of p. 18 to end of chap-
Tuesday, June 16:	0.0		ter 3.
Engines	2, 3		Practical work. [Companies 1 and 2.
Structure and rigging	4	2, 3	Companies 3 and 4, practical work.
m			Companies 1 and 2, chapter 3.
Theory of flight	6	4, 6	Companies 3 and 4, chapter 4.
Wednesday, June 17:			
Engines			Practical work.
Structure and rigging		3, 4	Do
Theory of flight	4	2	Companies 1 and 2, chapter 4 to middle of p. 40. Companies 3 and 4, chapter 5 to bottom of p. 54.
Thursday, June 18:		1	[Companies 5 and 4, enapter 5 to bottom of p. 54.
Engines		2, 3	Practical work.
Structure and rigging		4, 6	Do.
Theory of flight	4, 6		Middle of p. 40 to bottom of p. 54.
Friday, June 19:			-
Engines		2, 3	Practical work.
Structure and rigging		4, 6	Do.
Communications	4, 6		Lecture.
Engines		3, 4	Practical work.
Structure and rigging	2, 3	0, 1	Do.
Theory of flight	4	2	Top of p. 55 to end of chapter.
Monday, June 22:			
Engines		4, 6	Practical work.
Structure and rigging	4,6	2, 3	Do.

Lesson assignments for first class, June 8 to July 4, 1925-Continued

	Per	riod	
Subject	Com- panies 1 and 2	Companies 3 and 4	Lesson
Tuesday, June 23:			
Engines	2, 3	4,6	Practical work.
Structure and rigging	4,6		D ₀ .
Communications		2,3	Lecture.
Wednesday, June 24:			
Theory of flight	2, 3, 4	2, 3, 4	Examination.
Thursday, June 25:			
Engines	2, 3	4, 6	Practical work,
Communications		2, 3	Lecture.
Friday, June 26:			
Structure and rigging	2, 3, 4	2, 3, 4	Examination.
Communications		6	Do.
Saturday, June 27: Engines	2, 3, 4	2, 3, 4	Do.
Monday, June 29:	_, _, _	_, _, _	
Aerology	2, 3	2, 3	Chapters 1, 2, 3, 4, and 5.
Engines		6	Top of p. 47 to top of p. 57.
Scouting		4	Lecture.
Tuesday, June 30:		_	
Aerology	2, 3	2, 3	Chapter 6.
Engines	4	6	Top of p. 57 to bottom of p. 67.
Scouting	6	4	Lecture.
Wednesday, July 1:			
Aerology	2, 3	2, 3	Chapter 7 to bottom of p. 119.
Engines		2,0	Chapter 7 to bottom of p. 121.
Scouting	-	4	Chapters 1 and 2.
Thursday, July 2:		-	
Aerology	2, 3	2, 3	Top of p. 120 to end of chapter 8.
110101083	_, _	_, _	(Companies 1 and 2, bottom of p. 121 to end of
Engines	4	6	chapter.
200000000000000000000000000000000000000	1	0	Companies 3 and 4, chapter 7 to bottom of p. 121.
			Companies 1 and 2, chapters 1 and 2.
Scouting	6	4	Companies 3 and 4, chapters 3 and 4.
Friday, July 3: Aerology	2, 3, 4	2, 3, 4	Examination.
Saturday, July 4.		2, 0, 1	The state of the s
cuvarauj, varj illining	Lionday.		

Lesson assignment for first class, July 6 to July 29, 1925

	Pe	riod	
Subject	Companies 1 and 2	Com- panies 3 and 4	Lesson
Monday, July 6:			
Engines	2, 3		Practical work.
		ĺ	(Companies 1 and 2, chapters 3, 4, and 5 to top of
Scouting	4, 6	2, 3	p. 27. Companies 3 and 4, chapter 5, p. 37 to bottom of
		-	l p. 43.
Gunnery		4, 6	Page 37 to bottom of p. 43.
Tuesday, July 7:			
Engines	2, 3		Practical work.
Scouting	4, 6	2, 3	Companies 1 and 2, top of p. 27 to end of chapter 6. Companies 3 and 4, chapters 6 and 7.
Gunnery		4, 6	Bottom of p. 43 to end of chapter 5.
Wednesday, July 8:			Companies 1 and 2, practical work.
Engines	2, 3	4	Companies 3 and 4, bottom of p. 121 to end of chapter.
Scouting	4		Chapter 7.
Gunnery		2, 3	Chapters 6 and 7.

Lesson assignment for first class, July 6 to July 9, 1925-Continued

		riod	
Subject	Companies 1 and 2	Companies 3 and 4	Lesson
Thursday, July 9:			
Engines	2, 3	4,6	Practical work.
Scouting	4, 6	2,3	Chapters 8 and 9.
Friday, July 10:			
Engines	2, 3	4, 6	Practical work.
Scouting	4, 6	2, 3	Chapters 10, 11, 12, and 13.
Saturday, July 11: Scouting	2, 3, 4	2, 3, 4	Examination.
Monday, July 13: Gunnery	2,3	4, 6	Companies 1 and 2, p. 37 to bottom of p. 43. Companies 3 and 4, chapter 1 to middle of p. 17, and p. 72.
Engines	4, 6	2, 3	Practical work.
Tuesday, July 14:	1,0	2,0	[Companies 1 and 2, bottom of p. 43 to end of
			chapter 5.
Gunnery	2, 3	4, 6	Companies 3 and 4, middle of p. 17 to end of chapter 3.
Bombing	4, 6		Chapter 1.
Engines		2, 3	Practical work.
Wednesday, July 15:			Companies 1 and 2, chapters 6 and 7.
Gunnery	2, 3	4	Companies 3 and 4, practical work.
Parakita a			
Bombing	4		Chapter 2 to bottom of p. 14.
Engines		2, 3	Practical work.
Thursday, July 16:			(Companies 1 and 9 sharter 1 to middle of m 17
Gunnery	2, 3	4, 6	Companies 1 and 2, chapter 1 to middle of p. 17, and p. 72.
Guillery	2, 3	4, 0	Companies 3 and 4, practical work.
Bombing	4, 6		Bottom of p. 14 to end of chapter 3.
Engines	1,0	2, 3	Practical work.
Friday, July 17:		2,0	Tractical Work.
			[Middle of p. 17 to end of chapter 3, and practical
Gunnery	2, 3, 4, 6		work.
Bombing		2, 3, 4, 6	Chapters 1 and 2.
Saturday, July 18: Engines	2, 3, 4	2, 3, 4	Examination.
Monday, July 20:			Companies 1 and 2. Practical work and lecture.
Gunnery	2, 3	4, 6	Companies 3 and 4. Lecture and review.
			Companies 1 and 2, chapter 4 and practical work.
Bombing	4, 6	2, 3	Companies 3 and 4, chapters 3 and 4.
Tuesday, July 21:			
Navigation	2, 3	4, 6	Chapter 2.
Gunnery	4		Review.
Bombing Wednesday July 99 Company	6	2, 3	Practical work.
Wednesday, July 22: Gunnery	2, 3, 4	2, 3, 4	Examination.
Thursday, July 23: Navigation	2, 3	4, 6	Chapter 3.
Bombing	2, 3 4, 6	2, 3	Chapter 5. Chapters 1, 2, 3, and 4 (accessories).
Friday, July 24:	7,0	2, 3	Chapters 1, 2, 0, and 1 (accessories).
Navigation	2, 3	4,6	Chapter 4.
Bombing	4, 6	2, 3	Lecture (torpedoes).
Saturday, July 25:	-, 3	_, ,	
Bombing	2, 3, 4		Lecture.
Navigation		2, 3, 4	Chapters 5, 6, and 7.
Monday, July 27:			
Navigation	2, 3, 4, 6	6	Chapters 5, 6, and 7.
Bombing		2, 3, 4	Lecture.
Tuesday, July 28: Bombing	2, 3, 4	2, 3, 4	Examination.
Wednesday, July 29: Navigation.	2, 3, 4	2, 3, 4	Do.

Note.—Scouting, gunnery, and bombing will be found in volume 2; navigation in volume 1.

Alphabetical arrangement of first class midshipmen (153) remaining at Naval Academy for aviation instruction, summer, 1925 ¹

Name and initials	Name and initials	Name and initials
Abele, M. L.	Gallaher, J. F.	Mills, E. P.
Adams, M. S.	Gano, R. A.	Montagriff, B. P.
Albertson, D. G.	Gilmore, R. S. ¹	Morony, J. J.
Anderson, W. L.	Gladding, D. V.	Moss, J. A.
Armstrong, J. M. B. R.	Goldman, R. B.	Mundorff, G. T.
Asserson, W. C., jr.	Graff, J. S.	Newman, J. F., jr.
Baker, R. deC.	Greene, H. W.1	Oakholt, A. S.
Barker, N. C.	Greenacre, A. J.	Ogden, D. M.
Bergeron, H. J.	Greenwald, J. A., jr.	Paradise, M. E.
Biederman, K. J.	Griggs, G. E.	Parry, N. M.
Birtwell, D. T., jr.	Grover, P. M.	Pederson, O.
Blinn, W. C.	Gsell, H. H.	Phares, J. L.
Boorse, H. A.	Gurney, M. B.	Pohl, H. J.
Brady, U. S., jr.	Hains, H.	Price, G. J.
Briner, C. E.	Hamberger, DeW. C. E.	Prime, N. S.
Brown, D. C.	Helmick, G. B.	Prins, W. C. E.
Bruton, H. C.	Hodgskin, H. T., jr.	Purvis, R. S., jr.1
Burnside, J. L., jr.	Hollingsworth, W. R.	Pyzick, F. P.
Busck, V. K.	Horne, C. F., jr.	Ramsey, C. W.
Butler, F. T.	Hufty, M. A.	Redfield, M.
Campbell, G.	Hutchinson, E. S.	Reynolds, L. K.
Campbell, G. W.	Jones, C. B.	Rimer, T. W.
Campbell, N. R.	Jordahl, R. N.	Rippey, O. T.
Carmody, F. X., jr.	Joyner, A. S., jr.	Ritchie, E. C.
Carroll, C. R.	Katz, B.	Rodee, W. F.
Cecil, A. B.	Keady, L. E.	Romoser, W. K.
Clarke, R. S.	Kemper, A. M.	Russell, B. V. M.
Cochran, J. B.	Klimas, B. E.	Rutledge, W. W.
Cooper, J. E.	Kunz, C. A.	Sarsfield, E. S.
Cornell, K. H.	Lamb, R. S.	Schanze, E. S.
Crandell, D. A.	Larson, C. O.	Sellers, A. M.
Crider, L. A.	Leeper, J. E.	Shane, L., jr.
Crosser, B. R.	Lentz, A. W.	Shapiro, I. D.
Day, C. N.	Linaweaver, W. E.	Shepard, S. A.
Dietrich, H. T.	Littig, J. S.	Signer, C. E.
Donahue, F. J.	Logan, D.	Singleton, C. T., jr.
Duerfeldt, C. H.	Lovell, R.	Smith, S. L.
Dunn, C. C.	Lyman, C. H., 3d.	Spencer, C. D.
Dyer, William L.	Martin, L. H.	Stanford, A. G.
Eddy, W. C.	McClure, J. S.	Stiegler, O.
Elliott, T. P.	McDill, A. S.	Stout, H. F.
Fitzsimmons, J. P.	McKillip, J. C. S.	Stratton, R. B.
Floyd, W. O.	McMillan, D. G.	Stuart, J. M.
Forest, F. X.	McQuillen, F. J.	Summers, C. G., 3d.
Fountain, F. F.	Metzger, C. F.	Sweetser, W. M.
TO 11 T TO	Millor I O	
Fradd, J. E.	Miller, L. O.	Taff, C. O.

¹Three with figure ¹ after names not originally assigned to aviation instruction. Did not make cruise, due to illness. Upon discharge from hospital, assigned to aviation section.

 $Alphabetical \ arrangement \ of \ first \ class \ midshipmen \ (153) \ remaining \ at \ Naval \\ A cademy \ for \ aviation \ instruction, \ summer, \ 1925---Continued$

Name and initials	Name and initials	Name and initals
Taylor, J. McN.	Vangeli, M. G.	Weaver, G. C.
Thomas, J. B.	Vreeland, J. H.	Weimer, E. L. B.
Tompkins, B. F.	Walsh, J. F.	Westbrook, R. E.
Turek, W.	Warren, D. C.	Whiting, C. J.

COURSE OF INSTRUCTION, 1925–26

[Reference books are marked*]

FIRST YEAR-FOURTH CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAU-	2	Descriptive geometry and mechanical draw-	Bartlett and Johnson's Engineering Descriptive Geometry and Draw-
MATHEMATICS	6	solid geometry	Hawkes—Luby—Touton. Bullard and Kiernan's Plane and Spherical Trigonometry. Griffin's Introduction to Mathematical Analysis.
English	3	Composition and literature (including short speeches, official letters, and naval reports). Lectures by head of department.	Bowditch's Useful Tables.* Smith's What Can Literature Do For Me? Stevens and Alden's Composition for Naval Officers. Alden and Earle's Makers of Naval Traditions. Westcott, Lewis, and Weber's Four Centuries of Literature. Webster's Collegiate Dictionary.* Hills and Ford's First Spanish
Modern Languages (One half of the class studies Spanish and the other half French.)	3	Spanish	Appleton's New Spanish Diction ary.*
	. 3	French	The New Fraser and Squair Frenc a Grammar. Uniform International Dictionary Hinds, Hayden, and Eldredge.* McPherson and Henderson's Ele-
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry	McPherson and Henderson's Elementary Study of Chemistry. McPherson and Henderson's Exercises in Chemistry. Pamphlet: Dashiell's problems in Chemistry.
		SECOND TERM	
ENGINEERING AND AERONAU-	2	Descriptive geometry, and mechanical draw-	Bartlett and Johnson's Engineering Descriptive Geometry and Draw-
MATHEMATICS	6	ing. Mathematical analysis	ing. Griffin's Introduction to Mathematical Analysis. Mechanical Engineers' Handbook, by Marks *
		College algebra Plane analytic geometry_ (All three taken con-	Mechanical Engineers' Handbook, by Marks.* Bowditch's Useful Tables.* Rietz and Crathorne's College Al- gebra. Palmer and Krathwohl's Analytic Geometry.
English	3	currently.) Composition and literature (including short speeches, official letters, and naval reports). Lectures by head of department.	Stevens and Alden's Composition for Naval Officers. Westcott, Lewis, and Weber's Four Centuries of Literature. Shakespeare's Twelfth Night, Ham let. and Henry IV. Part 1.
Modern Languages	3	Spanish	let, and Henry IV, Part 1. Hills and Ford's First Spanish Course. Crawford's Temas Espanoles.
	. 3	French	The New Fraser and Squair French Grammar. Méras' Le Second Livre.
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry	McPherson and Henderson's Elementary Study of Chemistry. McPherson and Henderson's Exercises in Chemistry. Pamphlet: Dashiell's 'Problems in Chemistry.

SECOND YEAR-THIRD CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAU-	3	Engineering drawing	Bartlett and Johnson's Engineering Descriptive Geometry and Draw- ing.
MATHEMATICS	5	Calculus	Townsend and Goodenough's Essentials of Calculus. Palmer & Krathwohl's Analytic Geometry. Mechanical Engineers' Handbook by Marks.*
ELECTRICAL ENGINEERING AND PHYSICS. ¹	4	Chemistry	McPherson and Henderson's Ele- mentary Study of Chemistry. McPherson and Henderson's Exer- cises in Chemistry. Pamphlet. Dashiell's Problems in Chemistry.
English2	2	Naval history	Krafft and Norris's Sea Power in American History. Stevens and Westcott's History of Sea Power.
MODERN LANGUAGES(One half of the class studies Spanish and the other half French.)	. 2	Spanish	Hills and Ford's First Spanish Course. Fernández and Purdie's Trozos Se- lectos.
	2	French	Méras' Le Second Livre. Fournon and Broussard's Pour Parler Français. The New Fraser and Squair French Grammar.

SECOND TERM

ENGINEERING AND AERONAU-	3	Mechanisms	Schwamb, Merrill, and James' Elements of Mechanism.
1103.		Mechanical Processes	Danforth's Mechanical Processes.
MATHEMATICS	5	Mechanics	Elementary Mechanics—Department of Mathematics, U. S. Naval
			Academy.
			Mechanical Engineers' Handbook by Marks. *
			Breckenridge's Polyphase Slide Rule Manual.*
ELECTRICAL ENGINEERING AND PHYSICS.1	4	Physics	Milliken, Gale and Pyle's Practical Physics.
			Kimball's College Physics.
		1	Department pamphlet on Gyro, Theory of Flight, Thermodynamics, etc.
			Department's Physics Laboratory Manual.
ENGLISH	2	Modern essays	Smith's Essays on Current Themes.
			Alden's Some Recent Essays and Poems.
MODERN LANGUAGES	2	Spanish	Fernández and Purdie's Trozos Se-
(One half of the class studies			lectos.
Spanish and the other half French.)	1		Hills and Ford's First Spanish Course.
r remon.,	2	French	Fournon and Broussard's Pour
	_		Parler Français.
	100		The New Fraser and Squair French
			Grammar.

¹Third class have 8 drill periods in December and January and a like number in February and March devoted to recitation.

THIRD YEAR-SECOND CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
Engineering and Aeronau-	4	Boilers	Lyon & Hinds' Marine and Naval Boilers.
MATHEMATICS	5	Reciprocating Engines and Auxiliary Ma- chinery. Spherical Trigonometry and Stereographic	Barton & Stickney's Naval Recipro- cating Engines and Auxiliary Machinery. Bullard & Kiernan's Plane and Spherical Trigonometry.
		Projections. Differential Equations. Engineering Mathematics.	Phillips. Department of Mathematics, U. S. Naval Academy.
ELECTRICAL ENGINEERING AND PHYSICS.	4	Magnetism and electricity (DC).	Timbie's Elements of Electricity. Bullard's "Naval Electrician's Text Book," Vols. I and II. Department's D. C. Laboratory
NAVIGATION	3	Navigation	Manual. Navigation, 1922. Celo Navigation. Bowditch's Tables. Nautical Almanac.*
		SECOND TERM	
SEAMANSHIP AND FLIGHT TACTICS.	3	Seamanship	Boat Book, 1920
		SignalsRegulationsLeadership 2	Cyclonic Storms. Handling Ships, Notes B. Nautical Phraseology. Signal Books, U. S. Navy. U. S. Navy Regulations. Naval Leadership. Naval Aviation, Warliek. Naval Ordnance 1925.
ORDNANCE AND GUNNERY	3	Ordnance gun design and torpedoes.	Naval Ordnance 1925.
Navigation	4	Navigation	Celo Navigation. Bowditch's Tables. Nautical Almanac.*
Engineering and Aeronautics.	3	Reciprocating Engines and Auxiliary Ma- chinery.	Azimuth Tables.* Barton & Stickney's Naval Re- ciprocating Engines and Auxiliary Machinery.
		Naval construction	Manning & Schumachers' Naval Architecture and Warship Con- struction.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Theory of Flight Structure and Rigging. Electricity (D. C. and A. C.).	Pensacola Ground School Manual.
		Dynamo electric ma- chines, primary and secondary batteries, searchlights, tele- phones, etc.	Bullard's "Naval Electrician's Text- books," Vols. I and H. Timbie's "Elements of Electricity." Department's D. C. Laboratory Manual. Department's A. C. Laboratory
			Manual.

 $^{^2}$ Second class has in addition 8 periods in December and January during first term in drill periods. Saturdays and a like number in February and March during second term.

FOURTH YEAR-FIRST CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
SEAMANSHIP AND FLIGHT TACTICS.	3	Seamanship	Knight's Seamanship. Boat Book, 1920. Cyclonic Storms. Handling Ships, Notes "B." Nautical Phraseology. Signal Books, U. S. Navy. Special pamphlets.
ORDNANCE AND GUNNERY	3	Elementary strategy and tactics. Communications Ordnance and ballistics	Notes on Naval Communications
NAVIGATION	3	Theory and practice of navigation. Theory of compass deviations.	Nava Ordnance, 1931. Exterior Ballistics, Alger, 1915. (Navigation, 1922. Celo—Navigation. Bowditch's Tables. Nautical Almanac.* Azimuth Tables.*
Engineering and Aeronautics.	3	Thermodynamics	Azimuth Tables.* Ennis' Thermodynamics Abridged. Cox & Libbey's Naval Turbines.
ELECTRICAL ENGINEERING AND PHYSICS.	2	Alternating current and alternating current machinery. Radio	Bullard's "Naval Electrician's Text book." Vols, I and II. Department's A. C. Laboratory Manual. Department pamphlet on radio.
ENGLISH	2	Modern European History (with lectures). After-dinner speaking (Tuesday and Thurs- day evenings).	Department pamphlet on radio. Department's Radio Laboratory Manual. Turner's Europe since 1789.
		SECOND TERM	ſ
SEAMANSHIP AND FLIGHT TAC- TICS.	3	Aviation Regulations Military Law International Law	Naval Aviation—Warlick, U. S. Navy Regulations. Naval Courts and Boards. International Law—Soule & Mc
ORDNANCE AND GUNNERY	4	Leadership. Ballistics, fire control, torpedoes, and gunnery.	Cauley. Naval Leadership. Exterior Ballistics, Alger. Gunnery Instructions. Bureau of Ordnance Pamphlets. Notes on Fire Control, Mines and Torpedoes.
Navigation	3	Theory of compass deviations. Practical navigation	Official Publications. Navigation, 1922.
ENGINEERING AND AERONAU- TICS.	3	Turbines	Celo—Navigation. Nautical Almanac.* Azimuth Tables.* Cox & Libbey's Naval Turbines. Lind's Internal Combustion Engines & Pensacola Manual. Pensacola Manual.
ELECTRICAL ENGINEERING AND PHYSICS.	3	rigging. Alternating current and alternating current machinery.	Bullard's "Naval Electrician's Textbooks," Vols. I and II. Department's A. C. Laboratory Manual.
English		Radio	Department pamphlet on radio. Department's Radio Laboratory Manual.
Hygiene		(Tuesday and Thursday evenings). Effects of alcohol and narcotics. Naval and military hygiene. First aid to the injured (14 Friday evening periods).	Heiner's Physiology, First Aid and Naval Hygiene.

Assignment of time, 1925-26 TRANSITION YEAR

	First	class	Secon	d class	Third	class	Fourt	h class	
Departments	First term	Sec- ond term	First term	Sec- ond term	First term	Sec- ond term	First term	Sec- ond term	Sum- mary
Seamanship Ordnance and gunnery Navigation Engineering and aeronautics Mathematics Electrical engineering and physics English Languages Hygiene		3 4 3 3 3	(1) 3 . 4 . 5 4	2 3 3 4 3	3 5 * 4 2 2	3 5 4 4 2 2	2 6 2 3 3	2 6 2 3 3	9 10 13 23 27 24 12 10 (5)

- ¹ December and January, 1 period.
- ² February and March, ⁴ periods.
- ³ December and January, 5 periods.
- 4 February and March, 5 periods.
- ⁵ Friday night lecture.

Coefficients, 1925-26 TRANSITION YEAR

Departments	First	class	Secon	d class	Thire	l class	Fourt	h class	Sum- mary
Aptitude for the service	1	17	1	12		7		4	40
	First term	Second term	First term	Second	First term	Second term	First term	Second	
Seamanship	7	8		6					21
Ordnance and gunnery		10		6					24
Navigation	7	8	6	8					29
Engineering and aeronautics	7	7	8	6	4	4	1	2	39
Mathematics			9		7	7	4	4	31
Electrical engineering and physics	6	8	8	6	5	5	2	2	42
English	5				3	3	1	2	14
Languages					2	3	1	2	8
Hygiene		2							2
Total	10	00	7	75	5	60	2	25	250

Program of recitations, 1925-26

FIRST TERM

Day	Class	Battalion		Periods	
Day	Class	Dattaion	First	Second	Third
	(1	[1, 3	E. & A	English	Seamanship.
	1	4, 2	E. & A	Ordnance	English.
	2	1, 3	E. E. & P	Mathematics	E. & A.1
Monday	_ {	[4, 2	Mathematics	E. E. & P	Navigation.
	3	1, 3	Mathematics	Languages Mathematics	E. E. & P.
		1, 3	Languages Mathematics	E. & A	E. E. & P. Languages.
	14	4. 2	English English	E. & A	Mathematics.
	1.	1, 3	Navigation	Ordnance 2	English.
	1	4, 2	Navigation	English	Seamanship.
		1, 3	E. E. & P	Mathematics	Navigation.
	2	4, 2	Mathematics	E. E. & P	E. & A.
Puesday	- 1	1.3	Mathematics	E. & A	Languages.
	3	4, 2	E. & A	Mathematics	Languages.
	W	1.3	English	Mathematics	E. E. & P.
	14	4, 2	Mathematics	Languages	E. E. & P.
		1,3	E. & A	Seamanship	E. E. & P.
	1	4, 2	E. & A	Ordnance	E. E. & P.
	2	1, 3	E. E. & P	E. & A	Mathematics.
T7 - 3 3	2	4, 2	Mathematics	E. & A	Navigation.
Wednesday	3	1, 3	Mathematics	E. E. & P	English.
	0	4, 2	English	E. E. & P	Mathematics.
	1	J1, 3	Mathematics	Languages	E. & A.
	(4	4, 2	Mathematics	English	E. & A.
	(1	[1, 3	Ordnance	E. E. & P	Seamanship.
	1	4, 2	Seamanship	E. E. & P	Ordnance.
	2	1, 3	Mathematics	Navigation	E. & A.
Chursday	\ 	[4, 2	E. & A	Mathematics	Navigation.
	3	∫1, 3	Mathematics	E. & A	E. E. & P.
		[4, 2	E. E. & P	E. & A	Mathematics.
	4	1, 3	Mathematics	English	Languages.
	1	1, 3	Mathematics Navigation	Languages	English.
	[1	4. 2	Navigation	E. & A	Ordnance. Seamanship.
		1.3	E. & A	Navigation	Mathematics.
	2	4. 2	E. & A	Mathematics	E. E. & P.
riday	- {	1, 3	Mathematics	E. E. & P.	English.
	3	4. 2	English	E. E. & P.	Mathematics.
	1	1.3	E. E. & P	English	Mathematics.
	14	4, 2	E. E. & P	Languages	Mathematics.
		1, 3		Danguagoo	
	1	4, 2	Navigation		
		1, 3	E. E. & P	Seamanship 3	
a time days	2	4, 2	E. E. & P	Seamanship 3	
aturday	1.	1, 3	E. & A	E. E. & P.3	
	3	4, 2	E. & A	E. E. & P.3	
	1	Ĵ1, 3	Mathematics		
	(4	4, 2	Mathematics		

 $^{^1}$ E. & A. recitation third period Tuesday when practical work is held in navigation on Monday. 2 Ordnance recitation third period when examination is held in English.

³ December and January.

Program of recitations, 1925-26—Continued

SECOND TERM

70	C1	D 44 1	_	Periods	
Day	Class	Battalion	First	Second	Third
	(1	ſ1, 3	E. & A	E. E. & P	Ordnance.
	1	4, 2	E. & A	E. E. & P	Ordnance.
	$\ _2$	∫1, 3	Seamanship	Navigation	E. E. & P.
Monday	J <i>*</i>	14, 2	E. E. & P	Navigation	Seamanship.
Tronday	3	∫1, 3	Mathematics	Languages	E. & A.
		4, 2	Mathematics	Languages	E. & A.
	4	1, 3	Languages	Mathematics	English.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4, 2	English	Mathematics	Languages.
	(1	[1, 3	E. & A	Ordnance	Seamanship.
		[4, 2	E. & A	Seamanship	Ordnance.
	2	1, 3	Seamanship	Navigation	E. & A.
Tuesday	1	[4, 2	E. E. & P	Navigation	E. & A.
	3	1, 3	Mathematics	E. E. & P	Languages.
		4, 2	Mathematics	E. E. & P Mathematics	Languages.
	l4	1, 3	Languages	Mathematics	E. E. & P.
		4, 2	English	Ordnance	E. E. & P. Seamanship.
	(1	1, 34, 2	Navigation	Seamanship	Ordnance.
		1, 3	E. E. & P	E. & A	Navigation.
	2	4. 2	Seamanship	E. & A	Navigation.
Wednesday	K	[1, 3	English	Mathematics	E. E. & P.
	3	4, 2	English	Mathematics	E. E. & P.
		1. 3	Mathematics	E. E. & P	E. & A.
	4	4. 2	Mathematics	E. E. & P	E. & A.
		[1, 3	Seamanship	E. & A	E. E. & P.
	1	4, 2	E. & A	Seamanship	E. E. & P.
		1, 3	Ordnance	Navigation	Seamanship.
	2	4. 2	Ordnance	E. E. & P	Navigation.
Thursday	K	1, 3	E. E. & P	Mathematics	English.
	3	4, 2	E. E. & P	Mathematics	English.
		[1, 3	E. & A	English	Mathematics.
	(4	4, 2	E. & A	Languages	Mathematics.
	/1	1, 3	Navigation	E. E. & P	Ordnance.
	1	4, 2	Navigation	E. E. & P	Ordnance.
	2	∫1, 3	Ordnance	E. & A	E. E. & P.
Friday		4, 2	Ordnance	E. & A	Seamanship.
riiday	3	J1, 3	E. E. & P	Mathematics	E. & A.
	0	[4, 2	E. E. & P	Mathematics	E. & A.
	₄	∫1, 3	Mathematics	Languages	English. •
	(4, 2	Mathematics	English	Languages.
	(1	[1, 3	Navigation		
		[4, 2	Navigation		
	2	1, 3	Ordnance	Seamanship 1	
Saturday	Į	[4, 2		Seamanship 1	
	3	1, 3		E. E. & P.1	
		[4, 2	E. & A	E. E. & P.1	
	4	1, 3	Mathematics		
		4, 2	Mathematics	-,	

¹ February and March.

Table of recitation assignments, 1925-26-First term

			Fi	rst	cla	ass		Sec	on	d o	clas	SS .		Th	ird	l cl	ass		F	ou	rth	cla	ass	I		ation week	
Departments	Battalions	Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Fridor	Saturday	First class	Second class	Third class	Fourth class
Seamanship	$ \left\{ \begin{array}{c} 1, 3 \\ 4, 2 \end{array} \right. $		3	2	3	3			==			12										- -		} 3			
Ordnance	$ \begin{cases} 1, 3 \\ 4, 2 \end{cases} $		2	2	1	3			-					-			-				-			} 3			
Navigation	$\left\{ \begin{array}{c} 1,3\\4,2 \end{array} \right.$		1			1 1	3	3	3	2	2		-								-	- -	-	3	3		
Engineering and aeronautics.	$ \left\{ \begin{array}{c} 1, 3 \\ 4, 2 \end{array} \right. $	1		1		2	3		2	3	1			2		2		1	2	-	3 -			3	4	3	2
Mathematics	{ 1, 3 { 4, 2						2		3	1 2	3		1 2	1 2	1 3	1 3	1 -		1 3	2	1		3 1 3 1	}	5	5	6
Electrical engineer- ing and physics.	$ \begin{cases} 1, 3 \\ 4, 2 \end{cases} $			3	2 2		1 2	1	1		3	1	3		2 2	3	2	1 2		3		-	1	2	4	4	2
English	$ \begin{cases} 1, 2 \\ 1, 3 \\ 4, 2 \end{cases} $	2				2									3		3 -			1	-	2	2	2		2	3
Languages	$\left\{ \begin{array}{c} 4, 2 \\ 1, 3 \\ 4, 2 \end{array} \right.$												2	3			-		3	2	2	3 -		j		2	3
Hygiene	$\left\{ \begin{array}{c} 4, 2 \\ 1, 3 \\ 4, 2 \end{array} \right.$													3						-	-			ļ			
	(4,2																1					-	1	J			

¹ December and January.

Table of recitation assignments, 1925-26—Second term

			Fi	rst	cla	ass		S	ec	one	d (clas	SS		Th	irc	ı c	las	s	F	ou	ırtl	h c	las	SS			tatic wee	
Departments	Battalions	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	First class	Second class	Third class	Fourth class
Seamanship	{ 1, 3 4, 2		3 2	3 2	1 2			1 3	1		3	3	12													} 3		3	
Ordnance	$ \left\{ \begin{array}{c} 1, 3 \\ 4, 2 \end{array}\right. $	3		2 3		3					1	1	1													} 4	:	3	
Navigation	$ \left\{ \begin{array}{c} 1, 3 \\ 4, 2 \end{array} \right. $			1		1	1	2 2	2 2	3	2 3															3		1	
Engineering and aeronautics	$ \left\{ \begin{array}{c} 1, 3 \\ 4, 2 \end{array} \right. $	1	1		2				3	2 2		2 2		3				3	1			3	1			} 3	:	3	3
Mathematics	$ \begin{cases} 1, 3 \\ 4, 2 \end{cases} $								-					1	1	2 2	2 2	2 2		2 2	2 2	1	3	1 1	1	}		-	5
Electrical engineer- ing and physics	{ 1, 3 4, 2				3	2 2		3	1	1	2	3			2 2	3	1	1	12		3	2 2				} 3	:	3	4
English	$ \begin{cases} 1, 3 \\ 4, 2 \end{cases} $		==													1	3			3	1		2	3 2		}		-	2
Languages	1,3													2 2	3					1 3	1		2	2 3		}	ļ	-	2
Hygiene	$ \begin{cases} 1, 3 \\ 4, 2 \end{cases} $					5																				} 1			
1				1		1			1		1	1					1							,					1

¹ February and March.

² Friday night lectures.

Instruction schedule for first term, 1925-26, September 28, 1925, to January 30, 1925

	1			•	Periods		
Day ·	Class	Bat- talion	First	Second	Third	Fourth	Fifth
		, and	7.50 to 9.54 a.m.	10.04 a. m12.08 p. m.	1.10 to 3.10 p. m.	3.27 to 4.30 p. m.	7.45 to 9.3 p. m.
	(1	1,3	E. & A	English	Seamanship		
	11 3	14, 2	E. & A E. E. & P	Ordnance Mathematics	English		
	2	4, 2	Mathematics	E. E. & P	E. & A. ¹ Navigation		
Monday	. {	1, 3		Languages	E. E. & P	Drill	Study.
	3	4, 2		Mathematics	E. E. & P		
		,	Mathematics	E. & A	Languages		
	(4	14 .	English	E. & A	Mathematics		
	11		Navigation	Ordnance 4	English	ĺ	
	1	4, 2	Navigation	English	Seamanship		
	1 2	∫1, 3	E. E. & P	Mathematics	Navigation		
Tuesday	1/2	4, 2	Mathematics	E. E. & P	E. & A	Drill	Study.
- acoutty	13	[1, 3		E. & A	Languages		Duddy.
		4, 2		Mathematics	Languages		
	14	1, 3	0	Mathematics	E. E. & P		
		[4, 2		Languages	E. E. & P)	
	(1	1, 3		Seamanship	E. E. & P E. E. & P		
		1, 3		Ordnance E. & A	Mathematics		
Wednes.	2	4, 2	Mathematics	E. & A	Navigation	Recrea-	Study.
day.	K	1, 3		E. E. & P.	English	tion.	Study.
aa,	3	4, 2		E. E. & P	Mathematics	lion.	
	1	1, 3		Languages	E. & A		
	14	4, 2		English	E. & A	J	
		1,3			Seamanship	n l	
	11	4, 2	Seamanship	E. E. & P	Ordnance		
	12	1,3		Navigation	E. & A		
Thursday.		4, 2	E. & A	Mathematics	Navigation	Drill	Study.
· narbaaj .	3	[1, 3		E. & A	E. E. & P	121111111111111111111111111111111111111	Duay.
		4, 2		E. & A	Mathematics		
	4		Mathematics	English	Languages		
		[4, 2	Mathematics	Languages	English	,	Ti1:b
	(1	1, 3		E. & A	Ordnance		English.
		1, 3	Navigation E. & A	E. & A Navigation	Seamanship Mathematics		English.
	2	4, 2	E. & A	Mathematics	E. E. & P		
Friday	- }	1, 3	Mathematics		English	Drill	Study.
	3	1, 2	English		Mathematics		
	1	1,3	E. E. & P		Mathematics	9	
	(4	4, 2	E. E. & P	Languages	Mathematics)	J
			SATUR	DAY TIME SCE	IEDULE		
	1		7.50 to 9.54 a. m.	10.20 to 11.50 a. m.			
	1.	1, 3	Navigation]			
	1	4, 2	Navigation	Drill			
		1, 3		Seamanship 3			Liberty.
Saturday	2	4, 2	E. E. & P	Seamanship 3	Recreation	Recreation	Motio:
Javuruay	3	[1, 3	E. & A	E. E. & P.3	(Itediestion	10CCI CatilOII	pictures
		4, 2	E. & A	E. E. & P.3			l etc.
	14	1, 3	Mathematics	Drill			
	1	4, 2	Mathematics				

 ¹ Engineering and aeronautics recitation, third period, Tuesday, when practical work is held in navigation on Monday.
 ² Ordnance recitation, third period, when examination is held in English.
 ³ December and January—10.04 a. m.-12.08 p. m.

⁽³⁾ During the odd-numbered academic months the first and fourth battalions recite the first hour of a period. During the even-numbered academic months the second and third battalions recite the first hour of a period.

(4) For the academic year of 1925-26 each odd-numbered battalion of the regiment studies Spanish and each even-numbered battalion studies French. Assignment to each language on entrance becomes permanent for the orders course.

manent for the entire course.

Assignment of time, 1926-27

TRANSITION COMPLETED

	First	class	Second class Third class Fo		Fourt	h class			
Departments	First term	Sec- ond term	First	Sec- ond term	First	Sec- ond term	First term	Sec- ond term	Sum- mary
Seamanship Ordnance and gunnery Navigation Engineering and aeronautics Mathematics Electrical engineering and physics English Languages Hygiene		3 3 3 5 2 2	(1) 3 4 5 4	² 3 3 4 3 3 4 3 3	3 5 3 3 3 2	3 5 43 3 2	2 6 2 3 3	2 6 2 3 3	9 9 10 23 27 22 14 14 (⁵)

¹ December and January, 1 period.

Coefficients, 1926-27

TRANSITION COMPLETED

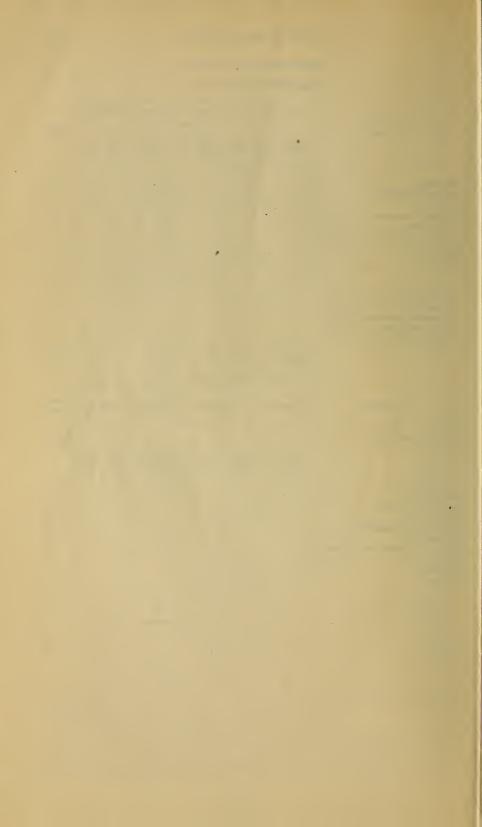
Departments	First	class	Secon	d class	Third	i class	Fourt	h class	Sum- mary
Aptitude for the service	. 17		12		7		4		40
	First term	Second term	First term	Second term	First term	Second term	First	Second term	
Seamanship Ordnance and gunnery Navigation Engineering and aeronautics Mathematics Electrical engineering and physics English Languages Hygiene	8 7 7	8 8 7 8 5 4	6 8 9 8	6 6 8 6	4 7 3 4 3	4 7 4 4 3	1 4 2 1	2 4 2 2 2 2	21 22 22 39 31 40 16 17
Total		00		75		60		25	250

² February and March, ⁴ periods.

³ December and January, 4 periods.

⁴ February and March, 4 periods.

⁵ Friday night lecture.



ARRANGEMENT OF COURSES 1925-1926

All courses are completed each term

Midshipmen are required to have a 2.5 or over
in each department for each term

RÉSUMÉ OF COURSE OF INSTRUCTION

EXECUTIVE

The executive department, under the direction of the commandant of midshipmen, accomplishes the following functions:

Development of officerlike character and qualities in midshipmen.

Enforcement of the regulations for interior discipline.

Service of the regiment by its auxiliary departments, including the commissary, midshipmen's store, tailor shop, cobbler shop, barber shop, and laundry.

Administration of Bancroft Hall, where the regiment is quartered.

Accomplishment of executive drills, namely, infantry, setting-up, and bayonet exercises.

Supervision over all midshipmen entertainments and activities other than academic work.

Supervision of the Naval Academy Band, the police force, and fire organization. Operation and upkeep of Naval Academy farm and dairy.

It is the endeavor of this department to instill into the regiment of midshipmen the highest standard of honor, loyalty, and patriotism. This is accomplished in the development of mental and physical cleanliness, the proper sense of duty and responsibility, and ability to command men.

Number of drill weeks per battalion, class, and department during academic year 1925-26

First battalion

Second battalion

Department	First class	Second class	Third class	Fourth class	First class	Second class	Third class	Fourth class	
Executive	13	11	9	9	13	11	9	9	
Ordnance	6	7	5	2	6	7	5	2	
Seamanship and flight tactics	4	5	. 7	8	4	5	7	8	
Engineering and aeronautics	5	7	12	4	5	7	12	4	
Electrical engineering	4	2	0	0	4	2	0	0	
Navigation		1	0	0	1	1	0	0	
Gymnasium		0	0	6	0	0	0	6	
Dancing	0	0	0	4	0	0	0	4	
Total	33	33	33	33	33	33	33	3 3	
Department	77:		attalion	77	Fourth battalion				
	First class	Second class	Third class	Fourth	First class	Second class	Third class	Fourth class	
Executive	13	11	9	9	13	11	9	9	
Ordnance	6	7	5	2	6	7	5	2	
Seamanship and flight tactics	4	5	7	8	4	5	7	8	
Engineering and aeronautics	5	7	12	4	5	7	12	4	
Electrical engineering	4	2	0	0	4	2	0	0	
Navigation	1	1	0	0	1	1	0	0	
Gymnasium	0	0	0	6	0	0	0	6	
Dancing	0	0	0	4	0	0	0	4	
Total	33	33	33	33	33	33	33	33	

Note A.—A drill week begins Monday and ends Saturday, drills being held

daily except Wednesday.

Note B.—In addition to above scheduled drills, commencing Monday, 23 November, 1925, and ending Saturday, 27 March, 1926, weekly gymnasium work will be held as follows: The first class on Saturdays; the second class, first and second battalions, on Mondays, third and fourth battalions on Tuesdays; the third class, first and second battalions, on Thursdays, and third and fourth battalions, on Fridays.

NOTE C.—During winter drills (from 23 November to 27 March, inclusive), when first class has ordnance, it will attend ordnance drill Saturday mornings of ordnance weeks instead of going to gymnasium.

Note D.—Graduation exercise drills will be specially prescribed.

Note E.—Fire drills will be held monthly.

Note F.—During the second period on Saturdays of December, January, February, and March, the second class will have recitation in Seamanship and the third class will have recitation in E. E. & P.

SEAMANSHIP AND FLIGHT TACTICS

The department of seamanship has for its mission the instruction of midshipmen to the end that upon graduation they may be capable of efficiently performing the duties of a junior officer afloat, as junior officer of the watch, junior deck division officer, junior forecastle officer, boat officer, assistant communication officer, and recorder of a summary court-martial. Midshipmen receive instruction giving them an elementary knowledge of flight tactics.

Seamanship drills commence with the day of the fourth classman's entrance into the academy, continue throughout the entire course, and are supplemented by practical instruction on the practice cruises. Commencing with learning how to pull a service cutter, the drills progress through handling service-type and civiliantype boats under oars, sail, and power; signals—semaphore, Morse visual code, and flag hoist; ground tackle work; knotting and splicing; compass, log, and lead; tactics and evolutions; communications.

In general, members of the fourth class take the ordinary crew duties, and have qualifications similar to seaman; third class, as important crew members, with qualifications as petty officer; second class, as second in command, with qualifications as chief petty officer; and first class, in command, with qualifications as junior officer.

Recitations are held in seamanship second term of third year, and throughout both terms of the fourth year. The instruction covers signals, seamanship in general, nautical phraseology, communications, regulations, military law, elementary strategy and tactics, international law, leadership, and aviation subjects connected with flight tactics, such as "Aviation History," "Aerology," "Aircraft Communications," and "Aviation Scouting."

For the first class, additional instruction in tactics and in seamanship evolutions is carried on in submarine chasers, all of the duties of the deck force being taken over by the midshipmen, under the supervision of experienced officer instructors.

ORDNANCE AND GUNNERY

The course includes all the theoretical and practical instruction required for the performance of gunnery duties aboard ship as a junior officer and in addition gives a thorough basic foundation for future study and development work in ordnance and gunnery. It is divided into two parts, section room and practical instruction. The section room instruction covers subjects which must be studied

and can best be learned as a midshipman; the practical instruction and drill includes work with all types of naval ordnance from small arms to turret guns and methods for control of all weapons. Drills which can be best given aboard ship and preparations for target practice are held during the practice cruise and not at the Naval Academy.

The practical work begins the summer of the fourth class year and includes firing on the rifle range with rifles and pistol up to the experts' course, drill with broadside guns, and explanation of all ordnance equipment and models in Dahlgren Hall. During the fourth, third, and second class years this practical instruction is continued with machine guns, broadside battery, models and training in the duties of all personnel connected with ordnance. Second class also has instruction in torpedoes and fire control. First class year is devoted to fire control and methods of using broadside and turret guns, torpedoes, aviation ordnance, aviation bombing, grenades, and gas masks. On the first class practice cruise midshipmen, first class, perform the duties of officers in gunnery exercises with the fleet.

Instruction in the section room begins the second term, second class year, with a study of naval ordnance gun design and torpedoes. In first class year a study is made of the theory of gun design, powder pressures, velocities and trajectories of projectiles, ranges and errors of naval guns, fire control of all types of guns, gunnery methods, including aviation gunnery, torpedoes and mines, and the duties of a junior officer in the gunnery department aboard ship.

Textbooks and service publications are used which have been specially written by experienced officers of the United States Navy for instructional purposes of midshipmen and junior officers. Besides the study of these, a series of lectures on practical ordnance and gunnery is given by officers from the Navy Department and the fleet.

Throughout the course great stress is laid not only upon the duties of a junior officer in gunnery, but the relation of each subject to the development of ordnance and gunnery in the United States Navy, the present gunnery methods of the fleet, and the possible future requirements which must be met by naval officers who are graduates of the Naval Academy.

NAVIGATION

The time assigned to the department of navigation and the utilization of same is as outlined below:

The subject of navigation is first taken up by the midshipman during his second class cruise and is continuous from then until graduation. Ground covered by terms:

Second class cruise.—Elementary navigation to the sailings, including definitions, instruments, charts.

Second class year.—Navigation up to point of working sights as follows: Nautical astronomy, definitions, charts, compass and piloting, sailings, and dead reckoning, chronometer, time, Nautical Almanac. From sights to day's work as follows: Time, Nautical Almanac; latitude sights, azimuth, St. Hilaireall of sun; sidereal time, latitude, azimuth, and St. Hilaire of heavenly bodies; interval to noon, day's work.

First class cruise.—Each midshipman of the first class is assigned to the navigation squad for ten days at sea, and while on this detail does navigation work exclusively. This consists of, in clear weather, day's work, morning and noon sights, noon position, and morning or evening star sights. In cloudy weather

other suitable navigational subjects are assigned.

First term, first class year.—To a great extent a general review of second-class work, but going more fully into the subject, especially so with compass work.

Second term, first class year.—Day's work with all variations, gryocompass, aviation navigation, aviation navigational instruments, and short course on tides, sun and moon, rise and set, and surveying. The aim of the department in above courses is to thoroughly ground the midshipman in the principles of navigation so that on graduation he will be a valuable assistant to the navigator of any ship.

During the academic year one week of drill is given the first class. These drills consist of handling and adjustment of sextant, use of artificial horizon, piloting in Annapolis Harbor, instruments and publications for purposes of navigation.

Work aftoat.—Throughout the summer practice cruises the midshipmen are required to perform all the general duties of a navigator, with particular reference to the adjustment and use of the navigational instruments on board, to practical piloting, and, at sea, to the determination of the ship's position by observation.

ENGINEERING AND AERONAUTICS

Descriptive geometry and mechanical drawing (first year, first term).—Instruction in use of drawing instruments and development of manual dexterity in employment. Standard methods of lettering and practice in their use. Application of the foregoing to descriptive geometry, with the representation of lines, planes, curved surfaces and intersections, in order to develop the ability to visualize objects in space.

Engineering drawing (first year, second term, and second year, first term).—Making of free-hand working sketches of small machine parts, with full dimensional data taken from work, and the making of standard working drawings from such sketches. The making of detailed from assembled drawings, and vice versa, particular emphasis being laid upon the ability to correctly read blue prints.

Elements of mechanisms (second year, second term).—A study of the underlying principles governing the relative motions of parts of machinery, including revolving and oscillating bodies; belt, rope, and chains; motion by pure rolling contact; gears and gear teeth; wheels in train; inclined plane, wedge screw, worm, and wheel; cams; relative velocities of rigidly connected points; linkwork; straightline mechanisms; parallel motions; aggregate combinations; pulley blocks; intermittent motion.

Mechanical processes (second year, second term).—A study of engineering and construction materials and the essential steps in producing them from the ore to the finished product. Methods of shaping metals for use and the shop processes generally used in mechanical and marine engineering construction. Construction and operation of principal machine tools and work for which employed.

Boilers (third year, first term).—A study of marine boilers, including a detailed study of the more important types, with methods of manufacture and materials used; general methods of repair; fuels, both oil and coal, and proper method of burning for greater economy; boiler auxiliaries and details of construction; tests and how conducted; operation, care, preservation, and overhaul.

Naval reciprocating engines and auxiliary machinery (third year, first and second terms).—General principles and thermodynamics as applied to this type of engine; detailed study of mechanical parts and materials used; measurement of power; construction and operation of condensers, pumps, valves, heaters, tanks, etc.; lubrication, operation, care, and overhaul of complete installations.

Naval construction (third year, second term).—General study of ship's lines and definitions pertaining thereto. Various steps in planning a ship. Calculations of areas and volumes. General principles of stability, both static and dynamic. Displacement and trim, with curves in relation thereto. Effects of weight dis-

tribution and of weight shifting. Resistance of ships. Coefficients of speed. Law of corresponding speeds. Ship nomenclature. Details of construction of naval vessels. Launching and docking. General arrangement of ship compartments and methods of flooding, draining, and ventilating. Details of steering gear. Care and preservation of hulls.

Theory of flight.—A further study of the subject covered by the Pensacola Ground School Manual.

Aircraft structure and rigging.—A study of nomenclature, materials used in construction, overhaul and assembly of heavier-than-air craft.

Thermodynamics (fourth year, first term).—The utilization of heat as energy to perform mechanical work in various types of machinery such as turbines, internal-combustion engines, refrigerating machinery, etc., including a study of the use of steam tables and diagrams.

Steam turbines (fourth year, first and second terms).—Underlying principles of turbines, their classification into types, and the characteristics of each type. Necessary turbine auxiliaries. Detailed study of Parsons and Curtis marine turbines, and a general study of the various makes of smaller turbines used in the Navy. Operation and care of marine turbine installations.

Internal-combustion engines (fourth year, second term).—Underlying principles of internal-combustion engines. Study of Otto and Diesel cycles, and their application to existing types of engines. Fuels and lubricants. Detailed study of marine types of gasoline and oil engines, and of aircraft engines, including mechanical parts, carburetion, lubrication, cooling and ignition systems, and methods of reversal. Most common faults and remedies.

Aircraft structure and rigging.—A study of nomenclature, materials used in construction, overhaul and assembly of heavier-than-air craft.

PRACTICAL WORK

First year.—Pattern shop: Selection and treatment of different woods for different purposes; elementary work of the carpenter shop, through mortising, joining, woodworking lathe, etc., to finished pattern work.

Machine shop: Vise bench work showing the proper use of various bench tools.

Miscellaneous: Examination of and lecture on models of valves, boilers, and engines.

Practice cruise.—Handling of ship's boilers when in port and at sea; management of main and auxiliary machinery; fireroom and engineroom routine; overhauling machinery, cleaning boilers, evaporators, etc.

Second year.—Foundry: Kinds of sand and implements used; making of molds; melting and pouring of iron and brass.

Forge shop: Equipment and tools used; forging, welding, tempering, case-hardening, etc.; bending and quenching tests of metals, etc.

Boiler shop: Riveting, soft and hard patching, calking, annealing, cutting out tubes, expanding tubes, etc.

Coppersmith shop: Soldering, hard and soft; making copper pipe; putting flanges on pipe; use of oil furnace and oil heater; sweating patch on a copper pipe.

Machine shop: Machine-tool work from working drawings, including the setting of work; machine tools used are lathes, planers, vertical and horizontal boring mills, simple and radial drill pressers, shapers, milling machines, slotters, etc.

Fuel-oil-burning boiler: Lighting fires and raising steam from a cold boiler; handling boiler under forced draft; control of fires for smokeless or smoke conditions; study of various types of burners; safety precautions to be observed in the handling and burning of fuel oil.

Miscellaneous: Use of various measuring instruments; gauge calibration; acetylene cutting and welding; electric welding; thermit welding; strength of metals.

Practice cruise.—Engineroom and fireroom routine in port and at sea; management of boilers in port and at sea; management of main and auxiliary machinery; overhauling machinery, cleaning boilers, evaporators, etc.

Third year.—Lining up, bearing adjustment, and valve setting of engines; operation and overhauling of evaporator plant, refrigerating plant, air compressors, traps, steering and anchor engines; detailed inspection of pumps, condensers, and distillers; propeller measurements; operation of steam reciprocating engines; and determination by indicator of horsepower developed; coal testing; flue-gas analysis; boiler inspections and tests; water testing; fuel-oil testing; pump testing. Inspection of various ships showing details of warship construction. Aircraft structure and rigging.

Practice cruise.—Administration of engineer department; management of boilers in port and at sea; management of main and auxiliary machinery under various conditions of steaming; overhauling machinery, cleaning boilers, evaporators, etc.; engineroom and fireroom routine in port and at sea.

Fourth year.—Operation of steam turbines and internal-combustion engines; determination, by dynamometer, of horsepower developed; torsion meter; detailed inspection of marine turbines, reduction gear, and condensing plant; detailed inspection of carburetors and magnetos and the adjustment of them; detailed inspection and operation of various types of marine and aircraft gas engines; visits to experiment station; log-room administration.

MATHEMATICS

Solid geometry (first year, first term).—The geometry of lines and planes in space, polyhedrons, cylinders, cones, spheres; development and use of formulas for surfaces and volumes; demonstrations of propositions; solution of problems by construction and computation.

Logarithms (first year, first term).—Definitions and properties; practical use in computation; tables of logarithms of numbers, of logarithms of trigonometric functions, and tables of natural functions; haversine tables; special system of forms for computation.

Plane trigonometry (first year, first term).—Measurement of arcs and angles; trigonometric functions; development and use of fundamental trigonometric relations and identities; solution of trigonometric equations; solution of all cases of plane triangles, including development of formulas and methods for same; simple applications to measuring heights and distances.

* Mathematical analysis (first year, first term).—Functions and graphs; instantaneous rates, tangents, areas, etc., as limits; differentiation; integration.

Mathematical analysis (first year, second term).—The remainder of this text is completed during the second term and is taken concurrently with college algebra and plane analytic geometry—parts of each of these two subjects being taken up when needed by the treatment of the analysis. The remainder of the analysis covers—trigonometric functions; logarithmic and exponential functions; rectangular coordinates; solutions of equations; polar coordinates; trigonometric analysis; definite integrals; progressions and series; permutations, combinations, and probability; complex number system.

Algebra (first year, second term).—Short review of important parts of elementary algebra, beyond quadratics and advanced algebra, including inequalities, mathematical induction, binomial theorem, variation, progressions, complex

numbers, theory of equations, partial fractions, permutations, combinations, probability, determinants.

Analytic geometry (first year, second term, and second year, first term.)—Cartesian and polar coordinates; equations of straight lines and of the conic sections; equations of given loci; loci of given equations, analysis and plotting; parametric equations; transcendental curves; general equation of second degree, discussion and simplification; equations of the plane, of the straight line in space, and of special surfaces of second order.

Calculus (second year, first term).—Taken concurrently with solid analytic geometry; constants, variables, and functions; derivatives of algebraic functions, applications of derivatives; differential notation; differentiation of transcendental functions; integrations; applications of integrations; successive differentiations and integrations; curves and curve tracing; definite integrals; application of integrations to geometry and mechanics; special methods of integrations; functions of two or more variables; multiple integrals; infinite series.

Mechanics (second year, second term).—Theory and use of slide rule; vectors; statics of a particle; forces acting on a rigid body; statics of a rigid body; centers of gravity and moments of inertia; fluid pressure; deformable bodies, beams; rectilinear motion; work and energy; curvilinear motion; dynamics of a rigid body; brief treatment of hydromechanics.

Differential equations (third year, first term).—Thorough drill in the setting up and solution of geometrical and physical problems involving important types of ordinary differential equations.

Engeering mathematics (third year, first term).—Principally a general problem course covering actual engineering problems encountered in other departments, and so arranged as to create necessary association between the course in mathematics and the work in practice later on. Includes brief treatment of precision of measurement, least squares, complex numbers, empirical formulæ, accuracy of computation, etc.

Spherical trigonometry and stereographic projections (third year, first term).—Solution of all cases of spherical triangles, including development of formulæ; graphical solution of spherical triangles; great circle courses and distances, both graphical and numerical solutions; the astronomical triangle and its projection in various primitives; numerical solutions of astronomical triangle covering various cases—time sight, meridians, altitude, etc.

ELECTRICAL ENGINEERING AND PHYSICS

The courses of instruction undertaken by this department cover a wide scope and include chemistry, physics, direct-current electricity, alternating-current electricity, and radio. The time available for each of these subjects is comparatively short, and the courses are, therefore, more or less elementary, special emphasis being placed on fundamental principles. The following is an outline of the subjects studied by each class.

FOURTH CLASS-FIRST TERM

The year is devoted to the study of chemistry, the ground covered being general inorganic chemistry, with laboratory work. In addition, lectures are given on the application of chemistry to devices and appliances in the service, viz, water testing, gas analysis, explosives, war gases, and include elementary organic chemistry and qualitative analysis.

Practical work in the chemical laboratory supplements the classroom instruction. Simple experiments are performed illustrating mechanical mixtures, chemical compounds, the preparation and properties of various gases, the electrolysis of water, the properties of metal and their compounds, etc.

While the shortness of the time allowed necessitates only an elementary treatment of most subjects, it is believed that the course is of sufficient scope for the needs of a payal officer.

THIRD CLASS-FIRST TERM

The third class will cover in this term all the work given above for the fourth class during the entire year.

SECOND TERM

The important subject of physics is covered during the second term and includes a study of mechanics, heat, light, and sound, and magnetism, and the application of the various natural laws and phenomena in these branches of the subject. The course forms the groundwork for more advanced studies in other departments, and includes the elements of thermodynamics, problems on the flight of projectiles, and the theory and practical application of the gyroscope in the torpedo, the gyrocompass, and stabilizers for ships.

Practical work in the physics laboratory comprises experiments illustrating various physical laws and phenomena studied in the classroom. A number of lectures are also given during the term.

SECOND CLASS-FIRST AND SECOND TERMS

The whole of second class year, with exception of the last six weeks of the second term, is devoted to the study of magnetism, electrostatics, and direct-current electricity. During the first term, the fundamentals of simple electric circuits are studied with applications of Ohm's and Kirchhoff's laws, while the second term is devoted principally to the theory and operation of dynamo electric machines and to the electrical installations found on board naval vessels. During the last six weeks of the second term elementary A. C. theory is taken up.

The laboratory work covers the following: Magnetic fields, induced currents, measurement of resistance, divided circuits, fall of potential, use and calibration of different measuring instruments supplied to ships, setting up and operation of primary and secondary batteries, operation of searchlights, arc and mercury vapor lamps, telephones and other electrical interior communication apparatus supplied to naval vessels, operation and measuring efficiencies of dynamos and motors, devices for motor-control, manipulation of switchboard, operation of electrical machinery supplied to naval vessels, testing for and locating faults and grounds, measuring insulation resistance of electric plants, etc. There are also experiments toward the end of the year for studying the characteristics of inductance and capacity.

A series of lectures is also given during the term which are designed to elucidate difficult points, and as a review of the text already covered.

FIRST CLASS-FIRST AND SECOND TERMS

The first class takes up the subjects of radio and alternating-current electricity, the time available in each term being about equally divided between the two studies. The radio course has been extensively enlarged, and covers, in addition to simple spark sets, aviation radio sets, the use of vacuum tubes in radio transmission, and reception, including the radiotelephone. The course in alternating-current electricity is considered to be of great importance due to the application of alternating-current machinery on board ship, principally in connection with the electric drive. The course starts with the theory of alternating-current generators and simple alternating-current circuits, and advances into the study

of synchronous motors, transformers, polyphase currents, and induction motors, with the application of the latter to the electric drive.

Laboratory work and lectures form an important part of the course. The electrical laboratory work comprises an elementary study of inductance and capacity in alternating-current circuits, alternating-current dynamos, motors, and transformers. In the radio laboratories the instruction comprises experiments with simple oscillating circuits, use of frequency meters, spark sets, are sets, use of vacuum tube as a detector, amplifier, generator and modulator, aviation radio practice.

ENGLISH

Instruction is given in composition, literature, naval history, and modern European history. In composition the emphasis is put upon (1) the paragraph, as the constructive unit; (2) the letter, social and official, this being the kind of composition that every midshipman will be called upon most frequently to write; (3) the naval report, a species of writing that ranges in subject matter from a damaged catboat to a fleet engagement; and (4) after-dinner speaking, an oral form of composition in which no naval officer can be inexperienced without loss of dignity and usefulness. But composition is not divorced from literature. The two are taught together, literature furnishing both model and incentive to composition. The types of literature studied are the epic, the lyric, the ballad, the drama, history, biography, the letter, the speech, the short story, and the essay—all the existent types except the novel. The essay is stressed more than any other type, one whole term being given by the third class to a study of modern essays that treat modern themes.

In naval history emphasis is laid upon the growth of tradition. No attempt is made to teach strategy as such, but the evolution and influence of sea power are traced from Salamis to Jutland, the facts of each great engagement being so presented that an adequate foundation is laid for later and more specialized studies in both strategy and tactics. In modern European history the course consists of a comprehensive textbook, supplemented by lectures, some of them by historians of national reputation and others by men of affairs who are authorities on the countries studied. The aim is not only to vitalize the study of history but to give the midshipman such a knowledge of national ideals and international problems as will fit him to be an intelligent and tactful representative of America and Americanism in every port he may visit.

At the beginning of every course in English the effort is made to secure the interest and cooperation of the midshipman by making clear to him just how and why the proposed course will be of practical benefit to him in his career as a naval officer.

MODERN LANGUAGES

- 1. The mission of the department of modern languages is to give to midshipmen a sufficient knowledge of French or Spanish to help or enable them to converse in the foreign tongue, to express themselves clearly in written communications, and to read with sufficient ease French or Spanish of average difficulty. Throughout the course emphasis is laid on the knowledge of fundamental elementary principles to the end that, however late in his career he may be called upon to utilize his knowledge, the officer will have a solid foundation on which to build.
- 2. On admission to the Naval Academy approximately one half of the midshipmen are assigned to study French while the other half are assigned to study Spanish. This assignment depends on the preference of the individual midshipman and is permanent for the entire course.

- 3. The textbooks in use are modern and practical. Since the number of midshipmen in a section does not exceed 15, special attention is given to the individual.
- 4. The course in modern languages covers three academic years and consists of approximately 200 recitations.

HYGIENE

Soon after entrance midshipmen of the fourth class are given a course in personal hygiene and the care of the human machine. This includes a series of lectures to the class as a whole and instructions of a more detailed character over a period of several months to small groups of the class. The purpose of this course is to prepare the members of the entering class to make their fullest personal contribution to the continuance of their health (individually and collectively) and thus to their best scholastic possibilities. In other words, it is to ground them in the art of keeping themselves in good health—to acquaint them with those precautions which every man can take in his own behalf to prevent disease or minimize its effects and thus maintain himself at all times in the best possible physical condition and mentally alert. The course comprises the following subjects:

- (a) Physical education; i. e., care of the human machine.
- (b) Personal hygiene, including social hygiene education.
- (c) Physical training, the benefits of muscular activity, and the dangers of overtraining.
 - (d) Preventable diseases and simple rules for maintaining health.
 - (e) Oral prophylaxis and the care of the teeth.
 - (f) Mental health, self-mastery, and characterology.

A competent representative of the medical department is always present at all official contests and authorized sports. For graduation a midshipman is required to show, by standard strength and gymnasium tests, that he is 100 per cent physically efficient.

The first class during the second term is given a course in general hygiene, physiology, and first aid, using the adopted textbook by Commander R. G. Heiner, Medical Corps, United States Navy. An outline of the course is as follows:

- I. Minute anatomy and cell physiology.
- II. Gross anatomy and physiology.
- III. Bacteriology.
- IV. Preventable diseases.
 - V. Venereal diseases.
- VI. Naval hygiene.
- VII. Military hygiene.
- VIII. Physical training.
 - IX. First aid, including that for the effects of gas warfare.
 - X. Alcohol and other narcotics; their effects and dangers.

The course is illustrated by charts, manikin, skeleton, blackboard drawings, and moving-picture reels and includes a special lecture on the relation of the oral cavity to the general nutrition and health of the body.

Emphasis is placed on the methods of giving first aid, and practical demon strations are given in order to prepare these future officers for the instruction of the men of their divisions, as required by Navy Regulations.

At the end of this course of 14 periods an examination is held covering all of the subjects contained in the textbook above mentioned.

PHYSICAL TRAINING

Strength tests are made of each midshipman by the gymnasium medical officer and careful records are prepared and kept as a guide to his physical development. Special exercises are prescribed to build up weak muscle groups as shown by the strength tests.

Recognizing the importance of posture to health, that of individual midshipmen on entrance, and such changes in it as may occur during the life at the academy will be subject to periodic observation and comparison with the aid of photographs, and these will be kept in a permanent record. Variation from normal will be demonstrated to the midshipman concerned with a view to enlisting his cooperation in corrective measures, and various exercises will be employed to accomplish the required correction.

Careful supervision of the physical development of all midshipmen is main-

tained throughout their entire time at the Naval Academy.

Company drills in Swedish exercises; instruction in the use of apparatus; special exercises to promote symmetrical physical development; each individual carefully instructed by medical officer in connection with physical training in conjunction with strength test card (covering exercises for muscle development and corrective exercises for poor brace); class work in wrestling, boxing, swimming, and fencing (small swords, broadswords, canes, and bayonets); training in the art of giving commands; company instruction in indoor and outdoor sports (football, baseball, crew, basket ball, lacrosse, soccer, tennis, handball) and in the elementary work of same; instruction in refereeing, wrestling, boxing, and swimming; instruction on life-saving and resuscitation of the apparently drowned. All midshipmen are given strength test to test muscle ability and physical requirement test to test the use of muscles. The physical requirement test includes such as running quarter mile, high jump, broad jump, chinning on horizontal bar, dips on parallel bars, rope climbing, etc.

PRIZES AWARDED DURING THE ACADEMIC YEAR 1924–25

PRESENTED BY THE UNITED STATES NAVAL ACADEMY FOR GENERAL EXCELLENCE IN TARGET PRACTICE

Gold medal, small arms, Midshipman W. C. Blinn, class of 1926; silver medal, small arms, Midshipman C. H. Duerfeldt, class of 1926; bronze medal, small arms, Midshipman J. A. Morrison, class of 1926.

Midshipmen who qualified as expert riflemen:

SECOND CLASS	THIRD CLASS	FOURTH CLASS
Mumma, A. G. Weis, G. H. Crissman, G. G. Shepard, S. A. Kaiser, B. F. jr. Armstrong, R. G. McQuillen, F. J. Morrison, J. A. Duerfeldt, C. H. Blinn, W. C.	Hubbard, M. H. Eckberg, H. F. Coffin, C. E. jr. Knowles, K. A. Starkus, C. J. Pyne, C. C. Stevens, R. L. Keys, L. F. Jordan, J. A. Bauer, H. F. Van Sickle, E. R. Crittenden, S. H. jr.	Ascherfeld, T. F. Hastings, W. J. Quinn, J. Bole, J. A. jr. Madsen, E. C. Howard, W. E. jr. McDonald, D. L. Barrier, P. F. Ingham, W. F. jr.

CLASS OF 1897 SWORD AND CUP

A sword is awarded annually by the class of 1897 to that midshipman who has contributed most by his officerlike qualities and positive character to the development of military spirit and loyalty within the regiment. The name of the midshipman to whom the sword is awarded is inscribed on the class of 1897 cup. The cup is retained at the Naval Academy. Midshipman Ralph Atkins Sentman, class of 1925, was awarded the sword and his name was inscribed on the cup.

CLASS OF 1871 SWORD

The class of 1871 provides funds each year to be given to that midshipman of the graduating class who is most proficient in practical and theoretical ordnance and gunnery, with the understanding that the recipient will purchase a Navy dress sword with these funds. There are further requirements as to how the sword shall be engraved. Midshipman Harry Ensor Hubbard, class of 1925, was awarded this prize.

GENERAL SOCIETY, SONS OF THE REVOLUTION CUP

A cup has been presented to the Naval Academy by the General Society, Sons of the Revolution, and remains here. Each year the name of the midshipman who is most proficient in practical ordnance and gunnery is inscribed thereon. The name of Midshipman Edward Harold Edmundson, class of 1925, was inscribed on the cup.

167

NATIONAL SOCIETY, DAUGHTERS OF THE AMERICAN REVOLUTION SWORD

This year the National Society, Daughters of the American Revolution, changed the form of prize to a sword, which was awarded to Midshipman Joseph Harold Wellings, class of 1925, he having excelled in practical seamanship.

THOMPSON PRIZE

A navigating sextant is awarded by Col. Robert M. Thompson to the member of each graduating class who proves himself most proficient in practical and theoretical navigation. Midshipman Delbert Amoss Ross, class of 1925, was the recipient of the sextant.

VAN DYKE PRIZE

A gold watch, suitably inscribed, is presented by Dr. Henry Van Dyke to the member of each graduating class who submits the best original article or theme on any naval or equally patriotic subject. Midshipman William Onahan Gallery, class of 1925, was awarded the prize.

GARDNER L. CASKEY MEMORIAL PRIZE

A watch, known as the "Gardner L. Caskey Memorial Prize," is presented each year to the midshipman who graduates at the head of his class for the course. The watch was awarded to Midshipman Harry Ensor Hubbard, class of 1925.

MAURY PRIZE

A pair of marine binoculars, known as the Maury Prize, is presented by the United Daughters of the Confederacy to the midshipman of the third class who excels in physics. Midshipman John William Bays, class of 1927, was awarded this prize.

THOMPSON TROPHY CUP

A cup, known as the "Thompson Trophy Cup," has been presented to the Naval Academy by Col. Robert M. Thompson, class of 1868, on which is inscribed each year the name of the midshipman who shall be declared by the executive committee of the Navy Athletic Association to have done the most during the year preceding for the promotion of athletics at the Naval Academy. This cup was awarded to Midshipman Fred Chester Billing, class of 1925.

NAVY ATHLETIC ASSOCIATION SWORD

Ordinarily a sword is presented at the end of each academic year by the Navy Athletic Association to the midshipman who is considered to have personally excelled in general athletics during that year. This year the Athletic Association decided to present two swords. Midshipmen Charles Frederick Chillingworth, jr., class of 1925, and Edmund Battelle Taylor, class of 1925, were each awarded a sword.

NEWHALL PRIZE

Mr. Thomas Newhall, of Philadelphia, offered a prize consisting of a United States Government bond, par value \$100, for the best original essay on a theme relating to thrift and saving, written by a member of the class of 1925. Midshipman Donald Oscar Burling, class of 1925, was the winner.

LETTERS OF COMMENDATION AND APPRECIATION

In accordance with Naval Academy Order 55-21, letters of commendation and appreciation were addressed to the below-named midshipmen, they having contributed most to the development of naval spirit and loyalty within the regiment during the academic year 1924-1925:

Ralph Atkins Sentman, class of 1925. Fred Chester Billing, class of 1925. Sherry Thomas McAdam, jr., class of 1925. Harry Nelson Lyon, class of 1925. Edward Harold Edmundson, class of 1925. Anthony Lawless Rorschach, class of 1925.

HARVARD SHIELD

The numerals of the class of 1926 were engraved on the "Harvard Shield," which was presented by the Associated Harvard Clubs, as that class which excelled in interclass athletic contests during the past year.

CRENSHAW CUP

The name of Midshipman Cornelius Samuel Seabring, class of 1927, was inscribed on the Crenshaw memorial cup for 1925. This cup was presented by Mr. E. A. Crenshaw and upon it is to be inscribed each year the name of the coxswain of that eight-oared crew winning the greatest number of races for that year.

LYSISTRATA CHALLENGE CUP

The race for the "Lysistrata challenge cup" was held during the summer practice cruise. Midshipmen crews in standard navy racing cutters competed. The crews finished in the following order: Arkansas, New York, and Utah.

0

7/1



